

Repair and Maintenance: 2002

Issued August 2004

EC02-81I-01

2002 Economic Census

Other Services (Except Public Administration)

Industry Series



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-- Not applicable for this report.

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the nation's economy. It provides essential information for government, business, industry, and the general public. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in "2" and "7."

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product estimates, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions. Specific uses of economic census data include the following:

- Policymaking agencies of the federal government use the data to monitor economic activity and to assess the effectiveness of policies.
- State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.
- Trade associations study trends in their own and competing industries, which allows them to keep their members informed of market changes.
- Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

INDUSTRY CLASSIFICATIONS

Data from the 2002 Economic Census are published primarily according to the 2002 North American Industry Classification System (NAICS). NAICS was first adopted in the United States, Canada, and Mexico in 1997. The 2002 Economic Census covers the following NAICS sectors:

21	Mining
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), largely covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 100 subsectors (three-digit codes), 317 industry groups (four-digit codes), and, as implemented in the United States, 1,179 industries (six-digit codes).

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

Prior to the 1997 Economic Census, data were published according to the Standard Industrial Classification (SIC) system. While many of the individual NAICS industries correspond directly to industries as defined under the SIC system, most of the higher level groupings do not. Particular care should be taken in comparing data for retail trade, wholesale trade, and manufacturing, which are sector titles used in both NAICS and SIC, but cover somewhat different groups of industries. The 1997 Economic Census *Bridge Between NAICS and SIC* demonstrates the relationships between NAICS and SIC industries. Where changes are significant, it may not be possible to construct time series that include data for points both before and after 1997.

Most industry classifications remained unchanged between 1997 and 2002, but NAICS 2002 includes substantial revisions within the construction and wholesale trade sectors, and a number of revisions for the retail trade and information sectors. These changes are noted in industry definitions and will be demonstrated in the *Bridge Between NAICS 2002 and NAICS 1997*.

For 2002, data for enterprise support establishments (those functioning primarily to support the activities of their company's operating establishments, such as a warehouse or a research and development laboratory) are included in the industry that reflects their activities (such as warehousing). For 1997, such establishments were termed auxiliaries and were excluded from industry totals.

BASIS OF REPORTING

The economic census is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each store, factory, shop, or other location. Each establishment is assigned a separate industry classification based on its primary activity and not that of its parent company. (For selected industries, only payroll, employment, and classification are collected for individual establishments, while other data are collected on a consolidated basis.)

GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for states, metropolitan and micropolitan statistical areas, counties, and corporate municipalities (places) including cities, towns, townships, villages, and boroughs. Respondents were required to report their physical location (street address, municipality, county, and state) if it differed from their mailing address. For establishments not surveyed by mail (and those single-establishment companies that did not provide acceptable information on physical location), location information from administrative sources is used as a basis for coding.

AVAILABILITY OF ADDITIONAL DATA

All results of the 2002 Economic Census are available on the Census Bureau Internet site (www.census.gov) and on digital versatile discs (DVD-ROMs) for sale by the Census Bureau. The American FactFinder system at the Internet site allows selective retrieval and downloading of the data. For more information, including a description of reports being issued, see the Internet site, write to the U.S. Census Bureau, Washington, DC 20233-6100, or call Customer Services at 301-763-4100.

HISTORICAL INFORMATION

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1954, 1958, and 1963. Prior to that time, individual components of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart

from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some service trades in 1933. Censuses of construction, manufacturing, and the other business censuses were suspended during World War II.

The 1954 Economic Census was the first census to be fully integrated, providing comparable census data across economic sectors and using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census report forms.

The range of industries covered in the economic census expanded between 1967 and 2002. The census of construction industries began on a regular basis in 1967, and the scope of service industries, introduced in 1933, was broadened in 1967, 1977, and 1987. While a few transportation industries were covered as early as 1963, it was not until 1992 that the census broadened to include all of transportation, communications, and utilities. Also new for 1992 was coverage of financial, insurance, and real estate industries. With these additions, the economic census and the separate census of governments and census of agriculture collectively covered roughly 98 percent of all economic activity. New for 2002 is coverage of four industries classified in the agriculture, forestry, and fishing sector under the SIC system: landscape architectural services, landscaping services, veterinary services, and pet care services.

Printed statistical reports from the 1992 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. Reports for 1997 were published primarily on the Internet and copies of 1992 reports are also available there. CD-ROMs issued from the 1987, 1992, and 1997 Economic Censuses contain databases that include all or nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for the 2002 Economic Census and related surveys is published in the *Guide to the 2002 Economic Census* at www.census.gov/econ/census02/guide. More information on the methodology, procedures, and history of the census will be published in the *History of the 2002 Economic Census* at www.census.gov/econ/www/history.html.

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Other Services (Except Public Administration)

SCOPE

The Other Services (Except Public Administration) sector (sector 81) comprises establishments engaged in providing services not specifically provided for elsewhere in the classification system. Establishments in this sector are primarily engaged in activities, such as equipment and machinery repairing, promoting or administering religious activities, grantmaking, advocacy, and providing drycleaning and laundry services, personal care services, death care services, pet care services, photofinishing services, temporary parking services, and dating services.

Private households that engage in employing workers on or about the premises in activities primarily concerned with the operation of the household are included in this sector.

Excluded from this sector are establishments primarily engaged in retailing new equipment and also performing repairs and general maintenance on equipment. These establishments are classified in Sector 44-45, Retail Trade.

Data for this sector are shown for establishments of firms subject to federal income tax, and separately, of firms that are exempt from federal income tax under provisions of the Internal Revenue Code.

Many of the “kinds of business” included in this sector are not thought of as commercial businesses and the terms (such as “business,” “establishment,” and “firm”) used to describe them may not be descriptive of such services. However, these terms are applied to all “kinds of business” in order to maintain conformity in the measures of the production and delivery of goods and services and in the presentation of data.

Exclusions. The economic census does not include the following industries: NAICS 8131, Religious Organizations, NAICS 81393, Labor Unions and Similar Labor Organizations, NAICS 81394, Political Organizations, and NAICS 814, Private Households.

The tabulations for this sector do not include central administrative offices, warehouses, or other establishments that serve other services (Except public administration) within the same organization. Data for such establishments are classified according to the nature of the service they provide. For example, separate headquarters establishments are reported in NAICS sector 55, Management of Companies and Enterprises.

The reports described below exclude establishments of firms with no paid employees. These “nonemployers,” typically self-employed individuals or partnerships operating businesses that they have not chosen to incorporate, are reported separately in *Nonemployer Statistics*. The contribution of nonemployers, relatively large for this sector, may be examined at www.census.gov/nonemployerimpact.

Definitions. Industry categories are defined in Appendix B, NAICS Codes, Titles, and Descriptions. Other terms are defined in Appendix A, Explanation of Terms.

REPORTS

The following reports provide statistics on this sector.

Industry Series. There are three reports, each covering a group of related industries. The reports present, by kind of business for the United States, general statistics for establishments of firms with payroll on number of establishments, receipts/revenue, expenses of tax-exempt establishments, payroll, and employment; comparative statistics for 2002 and 1997; product lines; and concentration of business activity in the largest firms. The data in industry reports are preliminary and subject to change in the following reports.

Geographic Area Series. There is a separate report for each state, the District of Columbia, and the United States. Each state report presents, for establishments of firms with payroll, general statistics on number of establishments, receipts/revenue, expenses of tax-exempt establishments, payroll, and employment by kind of business for the state, metropolitan and micropolitan statistical areas, counties, and places with 2,500 inhabitants or more. Greater kind-of-business detail is shown for larger areas. The United States report presents data for the United States as a whole for detailed kind-of-business classifications.

Subject Series:

- **Product Lines.** This report presents product lines data for establishments of firms with payroll by kind of business. Data are presented for the United States and states. Establishments may report negative revenue for selected product lines. Because of this, percentages for product lines may be in excess of 100 or less than 0.
- **Establishment and Firm Size (Including Legal Form of Organization).** This report presents receipts/revenue, payroll, and employment data for the United States by receipts/revenue size, by employment size, and by legal form of organization for establishments of firms with payroll; and by receipts/revenue size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits) for firms with payroll.
- **Miscellaneous Subjects.** This report presents data for a variety of industry-specific topics for establishments of firms with payroll. Presentation of data varies by kind of business.

ZIP Code Statistics. This report presents data for establishments of firms with payroll by United States ZIP Code.

Other reports. Data for this sector are also included in reports with multisector coverage, including *Nonemployer Statistics*, *Comparative Statistics*, *Bridge Between 2002 NAICS and 1997 NAICS*, *Business Expenses*, and the Survey of Business Owners reports.

GEOGRAPHIC AREAS COVERED

The level of geographic detail varies by report. Maps are available at www.census.gov/econ2002maps. Notes specific to areas in the state are included in Appendix D, Geographic Notes. Data may be presented for –

1. The United States as a whole.
2. States and the District of Columbia.
3. Metropolitan and micropolitan statistical areas. A core based statistical area (CBSA) contains a core area with a substantial population nucleus, together with adjacent communities having a high degree of social and economic integration with that core. CBSAs are differentiated into metropolitan and micropolitan statistical areas based on size criteria. Both metropolitan and micropolitan statistical areas are defined in terms of entire counties, and are listed in Appendix E, Metropolitan and Micropolitan Statistical Areas.
 - a. Metropolitan Statistical Areas (metro areas). Metro areas have at least one urbanized area of 50,000 or more population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
 - b. Micropolitan Statistical Areas (micro areas). Micro areas have at least one urban cluster of at least 10,000, but less than 50,000 population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
 - c. Metropolitan Divisions (metro divisions). If specified criteria are met, a metro area containing a single core with a population of 2.5 million or more may be subdivided to form smaller groupings of counties referred to as Metropolitan Divisions.

-
- d. Combined Statistical Areas (combined areas). If specified criteria are met, adjacent metro and micro areas, in various combinations, may become the components of a new set of areas called Combined Statistical Areas. The areas that combine retain their own designations as metro or micro areas within the larger combined area.
 4. Counties and county equivalents defined as of January 1, 2002. Counties are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs, census areas, and city and boroughs. Maryland, Missouri, Nevada, and Virginia have one place or more that is independent of any county organization and constitutes primary divisions of their states. These places are treated as counties and as places.
 5. Economic places.
 - a. Municipalities of 2,500 inhabitants or more defined as of January 1, 2002. These are areas of significant population incorporated as cities, boroughs, villages, or towns according to the 2000 Census of Population. For the economic census, boroughs, census areas, and city and boroughs in Alaska and boroughs in New York are not included in this category.
 - b. Consolidated cities defined as of January 1, 2002. Consolidated cities are consolidated governments that consist of separately incorporated municipalities.
 - c. Townships in Michigan, New Jersey, and Pennsylvania, and towns in New York, Wisconsin, and the six New England states with 10,000 inhabitants or more (according to the 2000 Census of Population).
 - d. Balance of county. Areas outside the entities listed above, including incorporated municipalities with populations of fewer than 2,500, towns and townships not qualifying as noted above, and the remainders of counties outside places are categorized as "Balance of county."

DOLLAR VALUES

All dollar values presented are expressed in current dollars; i.e., 2002 data are expressed in 2002 dollars, and 1997 data, in 1997 dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

Both the 2002 Economic Census and the 1997 Economic Census present data based on the North American Industry Classification System (NAICS). However, for 2002, data for NAICS 81291, Pet Care (except Veterinary) Services, are included. This NAICS industry was out of scope in 1997.

Data for this sector for 2002 include totals for taxable and tax-exempt businesses together, not present in 1997 reports. For 1997, only data for taxable establishments were shown at county and place levels in the Geographic Area Series. For 2002, data for taxable and tax-exempt establishments, as well as the combined totals, are shown at these geographic levels.

These tables for 2002 include other services (except public administration) that primarily serve other establishments of the same enterprise. These "enterprise support" establishments were not included in data for the other services (except public administration) sector in 1997, but were instead included in the "Other auxiliary establishments" kind-of-business category in the "Auxiliaries, Excluding Corporate, Subsidiary, and Regional Managing Offices" reports.

For 2002, the revenue data for tax-exempt establishments include gains or losses from the sale of real estate, investments, or other assets. In 1997, these gains or losses were excluded from revenue. Also, the 2002 expenses data for tax-exempt establishments exclude program service grants, contributions and gifts paid, specific assistance to individuals, and benefits paid to or for members. In 1997, these types of expenses were included.

RELIABILITY OF DATA

All data compiled for this sector are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, processing, and estimation for missing or misreported data. Data presented in the Miscellaneous Subjects and Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data, as by the percentages shown in the tables. Precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors. More information on the reliability of the data is included in Appendix C, Methodology.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

The Census Bureau conducts the Service Annual Survey (SAS) each year. This survey, while providing more frequent observations, yields less kind-of-business and geographic detail than the economic census. In addition, the County Business Patterns program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county, and Statistics of U.S. Businesses program provides annual statistics classified by the employment size of the enterprise, further classified by industry for the United States, and by broader categories for states and metropolitan areas.

CONTACTS FOR DATA USERS

Questions about these data may be directed to the U.S. Census Bureau, Service Sector Statistics Division, Service Census Branch, 1-800-541-8345 or scb@census.gov.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

D	Withheld to avoid disclosing data of individual companies; data are included in higher level totals
N	Not available or not comparable
S	Withheld because estimates did not meet publication standards
X	Not applicable
Z	Less than half the unit shown
a	0 to 19 employees
b	20 to 99 employees
c	100 to 249 employees
e	250 to 499 employees
f	500 to 999 employees
g	1,000 to 2,499 employees
h	2,500 to 4,999 employees
i	5,000 to 9,999 employees
j	10,000 to 24,999 employees
k	25,000 to 49,999 employees
l	50,000 to 99,999 employees
m	100,000 employees or more

r Revised
– Represents zero (page image/print only)
(CC) Consolidated city
(IC) Independent city

Table 1. Summary Statistics for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business	Estab- lishments (number)	Receipts/ revenue (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of receipts/ revenue—	
							From admini- strative records ¹	Estimated ²
811	Repair and maintenance	230 817	119 700 261	35 266 671	8 580 063	1 286 510	30.2	10.5
8111	Automotive repair and maintenance	166 745	75 210 518	21 554 157	5 229 389	870 079	32.9	9.1
81111	Automotive mechanical and electrical repair and maintenance	99 813	38 420 439	10 505 159	2 545 323	401 523	36.8	9.0
811111	General automotive repair	82 731	31 784 174	8 585 762	2 079 657	329 435	38.1	8.8
811112	Automotive exhaust system repair	3 621	1 240 738	338 445	80 824	13 854	35.7	13.5
811113	Automotive transmission repair	6 690	2 692 903	813 497	200 460	28 732	31.4	8.1
811118	Other automotive mechanical and electrical repair and maintenance	6 771	2 702 624	767 455	184 382	29 502	27.9	10.6
81112	Automotive body, paint, interior, and glass repair	42 139	26 206 099	7 872 938	1 920 059	253 210	28.9	8.2
811121	Automotive body, paint, and interior repair and maintenance	35 200	22 405 337	6 880 027	1 682 252	220 393	29.8	7.6
811122	Automotive glass replacement	6 939	3 800 762	992 911	237 807	32 817	23.5	11.9
81119	Other automotive repair and maintenance	24 793	10 583 980	3 176 060	764 007	215 346	28.2	11.6
811191	Automotive oil change and lubrication	8 223	3 938 539	1 095 504	259 960	63 510	18.5	12.2
811192	Car washes	13 951	5 096 172	1 650 236	400 953	135 075	35.4	11.6
811198	All other automotive repair and maintenance	2 619	1 549 269	430 320	103 094	16 761	29.1	9.9
8112	Electronic and precision equipment repair and maintenance	14 500	16 500 177	5 165 658	1 286 492	130 683	16.5	14.3
81121	Electronic and precision equipment repair and maintenance	14 500	16 500 177	5 165 658	1 286 492	130 683	16.5	14.3
811211	Consumer electronics repair and maintenance	3 533	1 480 164	503 047	126 250	19 547	26.7	10.5
811212	Computer and office machine repair and maintenance	5 876	6 483 365	2 221 236	549 022	54 266	20.4	13.6
811213	Communication equipment repair and maintenance	1 836	3 272 373	859 687	213 915	21 397	10.1	10.3
811219	Other electronic and precision equipment repair and maintenance ..	3 255	5 264 275	1 581 688	397 305	35 473	12.6	18.9
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	24 455	19 251 856	5 863 579	1 425 526	172 518	27.8	10.4
81131	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	24 455	19 251 856	5 863 579	1 425 526	172 518	27.8	10.4
811310	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	24 455	19 251 856	5 863 579	1 425 526	172 518	27.8	10.4
8114	Personal and household goods repair and maintenance	25 117	8 737 710	2 683 277	638 656	113 230	38.0	16.2
81141	Home and garden equipment and appliance repair and maintenance ..	7 608	4 195 480	1 300 519	312 893	49 965	32.6	20.5
811411	Home and garden equipment repair and maintenance	2 379	651 785	147 051	34 737	7 193	52.5	8.6
811412	Appliance repair and maintenance	5 229	3 543 695	1 153 468	278 156	42 772	28.9	22.7
81142	Reupholstery and furniture repair	5 777	1 277 871	416 830	100 281	20 440	43.5	9.9
811420	Reupholstery and furniture repair	5 777	1 277 871	416 830	100 281	20 440	43.5	9.9
81143	Footwear and leather goods repair	1 418	187 050	49 179	12 346	3 130	40.3	10.8
811430	Footwear and leather goods repair	1 418	187 050	49 179	12 346	3 130	40.3	10.8
81149	Other personal and household goods repair and maintenance	10 314	3 077 309	916 749	213 136	39 695	43.0	13.2
811490	Other personal and household goods repair and maintenance	10 314	3 077 309	916 749	213 136	39 695	43.0	13.2

¹Includes receipts/revenue information obtained from administrative records of other federal agencies.

²Includes receipts/revenue information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 2. Comparative Statistics for the United States (1997 NAICS Basis): 2002 and 1997

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 and 1997 Economic Censuses. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

1997 NAICS code	Kind of business	Establishments (number)	Receipts/revenue (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
811	Repair and maintenance	2002.. 230 817 1997.. 235 466	2002.. 119 700 261 1997.. 105 153 886	2002.. 35 266 671 1997.. 29 875 211	2002.. 1 286 510 1997.. 1 276 389
8111	Automotive repair and maintenance	2002.. 166 745 1997.. 164 360	2002.. 75 210 518 1997.. 62 200 597	2002.. 21 554 157 1997.. 16 865 209	2002.. 870 079 1997.. 815 149
81111	Automotive mechanical and electrical repair and maintenance	2002.. 99 813 1997.. 99 444	2002.. 38 420 439 1997.. 33 510 059	2002.. 10 505 159 1997.. 8 633 670	2002.. 401 523 1997.. 385 325
811111	General automotive repair	2002.. 82 731 1997.. 77 751	2002.. 31 784 174 1997.. 25 598 455	2002.. 8 585 762 1997.. 6 438 842	2002.. 329 435 1997.. 290 634
811112	Automotive exhaust system repair	2002.. 3 621 1997.. 5 251	2002.. 1 240 738 1997.. 1 985 377	2002.. 338 445 1997.. 524 940	2002.. 13 854 1997.. 23 015
811113	Automotive transmission repair	2002.. 6 690 1997.. 6 768	2002.. 2 692 903 1997.. 2 431 584	2002.. 813 497 1997.. 709 254	2002.. 28 732 1997.. 29 442
811118	Other automotive mechanical and electrical repair and maintenance	2002.. 6 771 1997.. 9 674	2002.. 2 702 624 1997.. 3 494 643	2002.. 767 455 1997.. 960 634	2002.. 29 502 1997.. 42 234
81112	Automotive body, paint, interior, and glass repair	2002.. 42 139 1997.. 41 168	2002.. 26 206 099 1997.. 20 905 280	2002.. 7 872 938 1997.. 5 925 780	2002.. 253 210 1997.. 234 359
811121	Automotive body, paint, and interior repair and maintenance	2002.. 35 200 1997.. 35 569	2002.. 22 405 337 1997.. 17 755 296	2002.. 6 880 027 1997.. 5 172 206	2002.. 220 393 1997.. 205 172
811122	Automotive glass replacement	2002.. 6 939 1997.. 5 599	2002.. 3 800 782 1997.. 3 149 984	2002.. 992 911 1997.. 753 574	2002.. 32 817 1997.. 29 187
81119	Other automotive repair and maintenance	2002.. 24 793 1997.. 23 748	2002.. 10 583 980 1997.. 7 785 258	2002.. 3 176 060 1997.. 2 305 759	2002.. 215 346 1997.. 195 465
811191	Automotive oil change and lubrication	2002.. 8 223 1997.. 7 413	2002.. 3 938 539 1997.. 2 787 318	2002.. 1 095 504 1997.. 778 632	2002.. 63 510 1997.. 57 083
811192	Car washes	2002.. 13 951 1997.. 13 683	2002.. 5 096 172 1997.. 3 911 344	2002.. 1 650 236 1997.. 1 252 587	2002.. 135 075 1997.. 123 602
811198	All other automotive repair and maintenance	2002.. 2 619 1997.. 2 652	2002.. 1 549 269 1997.. 1 086 596	2002.. 430 320 1997.. 274 540	2002.. 16 761 1997.. 14 780
8112	Electronic and precision equipment repair and maintenance	2002.. 14 500 1997.. 17 634	2002.. 16 500 177 1997.. 14 557 959	2002.. 5 165 658 1997.. 4 496 836	2002.. 130 683 1997.. 137 227
81121	Electronic and precision equipment repair and maintenance	2002.. 14 500 1997.. 17 634	2002.. 16 500 177 1997.. 14 557 959	2002.. 5 165 658 1997.. 4 496 836	2002.. 130 683 1997.. 137 227
811211	Consumer electronics repair and maintenance	2002.. 3 533 1997.. 5 144	2002.. 1 480 164 1997.. 1 533 616	2002.. 503 047 1997.. 555 543	2002.. 19 547 1997.. 25 709
811212	Computer and office machine repair and maintenance	2002.. 5 876 1997.. 7 729	2002.. 6 483 365 1997.. 8 502 271	2002.. 2 221 236 1997.. 2 546 429	2002.. 54 266 1997.. 70 432
811213	Communication equipment repair and maintenance	2002.. 1 836 1997.. 1 890	2002.. 3 272 373 1997.. 1 607 993	2002.. 859 687 1997.. 522 632	2002.. 21 397 1997.. 16 457
811219	Other electronic and precision equipment repair and maintenance	2002.. 3 255 1997.. 2 871	2002.. 5 264 275 1997.. 2 914 079	2002.. 1 581 688 1997.. 872 232	2002.. 35 473 1997.. 24 629
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	2002.. 20 484 1997.. 20 290	2002.. 17 543 359 1997.. 17 506 178	2002.. 5 325 043 1997.. 5 172 066	2002.. 152 384 1997.. 166 962
81131	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	2002.. 20 484 1997.. 20 290	2002.. 17 543 359 1997.. 17 506 178	2002.. 5 325 043 1997.. 5 172 066	2002.. 152 384 1997.. 166 962
811310	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	2002.. 20 484 1997.. 20 290	2002.. 17 543 359 1997.. 17 506 178	2002.. 5 325 043 1997.. 5 172 066	2002.. 152 384 1997.. 166 962
8114	Personal and household goods repair and maintenance	2002.. 29 088 1997.. 33 182	2002.. 10 446 207 1997.. 10 889 152	2002.. 3 221 813 1997.. 3 341 100	2002.. 133 364 1997.. 157 051
81141	Home and garden equipment and appliance repair and maintenance	2002.. 7 608 1997.. 9 790	2002.. 4 195 480 1997.. 4 976 328	2002.. 1 300 519 1997.. 1 536 312	2002.. 49 965 1997.. 64 054
811411	Home and garden equipment repair and maintenance	2002.. 2 379 1997.. 3 611	2002.. 651 785 1997.. 1 001 515	2002.. 147 051 1997.. 234 641	2002.. 7 193 1997.. 11 897
811412	Appliance repair and maintenance	2002.. 5 229 1997.. 6 179	2002.. 3 543 695 1997.. 3 974 813	2002.. 1 153 468 1997.. 1 301 671	2002.. 42 772 1997.. 52 157
81142	Reupholstery and furniture repair	2002.. 5 777 1997.. 6 598	2002.. 1 277 871 1997.. 1 193 414	2002.. 416 830 1997.. 388 631	2002.. 20 440 1997.. 22 315
811420	Reupholstery and furniture repair	2002.. 5 777 1997.. 6 598	2002.. 1 277 871 1997.. 1 193 414	2002.. 416 830 1997.. 388 631	2002.. 20 440 1997.. 22 315
81143	Footwear and leather goods repair	2002.. 1 418 1997.. 2 153	2002.. 187 050 1997.. 261 363	2002.. 49 179 1997.. 72 848	2002.. 3 130 1997.. 5 469
811430	Footwear and leather goods repair	2002.. 1 418 1997.. 2 153	2002.. 187 050 1997.. 261 363	2002.. 49 179 1997.. 72 848	2002.. 3 130 1997.. 5 469
81149	Other personal and household goods repair and maintenance	2002.. 14 285 1997.. 14 641	2002.. 4 785 806 1997.. 4 458 047	2002.. 1 455 285 1997.. 1 343 309	2002.. 59 829 1997.. 65 213
811490	Other personal and household goods repair and maintenance	2002.. 14 285 1997.. 14 641	2002.. 4 785 806 1997.. 4 458 047	2002.. 1 455 285 1997.. 1 343 309	2002.. 59 829 1997.. 65 213

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Table 3. Product Lines by Kind of Business for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of —		
						Estab- lishments with the product line	All estab- lishments ¹	
811		Repair and maintenance	230 817	X	119 700 261	X	100.0	65.7
	30750	Motor vehicle mechanical and electrical repair and maintenance	107 598	43 705 334	31 853 833	72.9	26.6	X
	30760	Motor vehicle body, paint, and interior repair	51 665	30 891 990	25 164 872	81.5	21.0	X
	30770	Other motor vehicle care and maintenance	93 684	40 655 796	14 225 761	35.0	11.9	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	29 008	21 442 990	17 251 002	80.5	14.4	X
	30790	Electronic and precision equipment repair and maintenance	20 272	21 155 156	16 125 120	76.2	13.5	X
	30800	Personal and household goods repair and maintenance	27 966	9 666 027	7 974 294	82.5	6.7	X
	30820	Other repair and maintenance	8 742	4 260 563	1 176 803	27.6	1.0	X
	39000	Merchandise sales	30 436	17 214 878	3 630 509	21.1	3.0	X
	39250	Rental or lease of goods and/or equipment	3 814	3 060 800	281 635	9.2	.2	X
	39500	All other receipts	12 203	9 321 452	2 001 941	21.5	1.7	X
8111		Automotive repair and maintenance	166 745	X	75 210 518	X	100.0	68.6
	30750	Motor vehicle mechanical and electrical repair and maintenance	106 814	43 418 354	31 801 294	73.2	42.3	62.3
	30751	Exhaust systems, including mufflers	58 082	23 071 246	2 947 133	12.8	3.9	X
	30752	Transmissions	53 741	22 142 814	4 236 813	19.1	5.6	X
	30753	Diesel engines	22 368	10 417 513	2 183 942	21.0	2.9	X
	30754	Gasoline engines	60 711	22 793 505	6 585 921	28.9	8.8	X
	30755	Radiators	54 351	21 769 029	1 735 163	8.0	2.3	X
	30756	Brake and front-end repair and wheel alignment	75 458	30 012 744	6 666 703	22.2	8.9	X
	30757	Motor vehicle electrical repair and maintenance	52 785	20 861 131	3 698 866	17.7	4.9	X
	30758	Other	32 520	14 186 129	3 746 491	26.4	5.0	X
	30760	Motor vehicle body, paint, and interior repair	51 452	30 802 845	25 145 495	81.6	33.4	64.6
	30761	Body work	36 948	24 116 574	13 295 847	55.1	17.7	X
	30762	Painting	32 620	21 850 817	6 988 079	32.0	9.3	X
	30763	Upholstery and interior repair	7 751	4 750 532	822 607	17.3	1.1	X
	30764	Glass replacement and repair	23 593	14 554 996	4 038 962	27.8	5.4	X
	30770	Other motor vehicle care and maintenance	93 343	40 498 527	14 214 877	35.1	18.9	66.3
	30771	Carwash	17 156	7 264 309	4 566 451	62.9	6.1	X
	30772	Oil change and lube	66 958	26 099 702	6 015 469	23.0	8.0	X
	30773	Tire repair services, excluding retreading	25 260	10 911 470	928 799	8.5	1.2	X
	30774	Other motor vehicle care and maintenance: Towing or storage	24 734	13 858 935	851 959	6.1	1.1	X
	30775	Other motor vehicle care services	12 354	6 323 839	1 807 041	28.6	2.4	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	3 593	1 625 970	193 102	11.9	.3	X
	30790	Electronic and precision equipment repair and maintenance	2 762	1 068 704	97 339	9.1	.1	X
	30800	Personal and household goods repair and maintenance	822	275 955	31 466	11.4	.2	X
	30820	Other repair and maintenance	6 734	3 283 829	828 521	25.2	1.1	X
	39000	Merchandise sales	19 006	9 927 831	1 774 191	17.9	2.4	66.8
	39017	Fuels and lubricants	7 934	3 563 723	334 962	9.4	.4	X
	39021	Parts sold separately, not included in repair work performed	12 104	6 756 563	1 091 745	16.2	1.5	X
	39022	Sale of new equipment and merchandise, excluding parts	1 905	1 397 221	168 568	12.1	.2	X
	39023	Sale of used equipment and merchandise, excluding parts	2 258	1 294 784	172 936	13.4	.2	X
	39250	Rental or lease of goods and/or equipment	2 124	1 476 275	110 713	7.5	.1	63.6
	39253	Rental or lease of motor vehicles	1 278	1 049 414	60 729	5.8	.1	X
	39254	Rental or lease of all other goods and/or equipment	920	476 779	30 849	6.5	.2	X
	39500	All other receipts	7 580	5 008 084	1 006 133	20.1	1.3	65.2
	39514	All other operating receipts	7 576	4 992 351	1 001 191	20.1	1.3	X
81111		Automotive mechanical and electrical repair and maintenance	99 813	X	38 420 439	X	100.0	66.0
	30750	Motor vehicle mechanical and electrical repair and maintenance	99 505	38 387 193	31 085 535	81.0	80.9	59.3
	30751	Exhaust systems, including mufflers	56 373	22 034 065	2 915 161	13.2	7.6	X
	30752	Transmissions	51 124	20 735 393	4 176 766	20.1	10.9	X
	30753	Diesel engines	21 825	10 214 823	2 174 552	21.3	5.7	X
	30754	Gasoline engines	59 375	21 991 865	6 491 443	29.5	16.9	X
	30755	Radiators	50 425	19 427 937	1 657 160	8.5	4.3	X
	30756	Brake and front-end repair and wheel alignment	71 773	27 460 078	6 520 925	23.7	17.0	X
	30757	Motor vehicle electrical repair and maintenance	51 006	19 618 031	3 625 388	18.5	9.4	X
	30758	Other	30 588	12 521 057	3 523 878	28.1	9.2	X
	30760	Motor vehicle body, paint, and interior repair	8 902	4 367 392	945 651	21.7	2.5	63.0
	30761	Body work	4 825	2 751 742	560 683	20.4	1.5	X
	30762	Painting	3 088	2 013 872	282 114	14.0	.7	X
	30763	Upholstery and interior repair	1 967	976 479	32 639	3.3	.1	X
	30764	Glass replacement and repair	5 293	2 508 713	70 215	2.8	.2	X
	30770	Other motor vehicle care and maintenance	59 573	22 068 965	3 963 169	18.0	10.3	65.2
	30771	Carwash	1 407	743 217	38 692	5.2	.1	X
	30772	Oil change and lube	56 068	20 385 089	2 339 027	11.5	6.1	X
	30773	Tire repair services, excluding retreading	23 446	9 751 635	718 507	7.4	1.9	X
	30774	Other motor vehicle care and maintenance: Towing or storage	16 989	6 747 971	491 537	7.3	1.3	X
	30775	Other motor vehicle care services	7 374	2 735 222	375 392	13.7	1.0	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	3 330	1 459 323	177 901	12.2	.5	X
	30790	Electronic and precision equipment repair and maintenance	2 617	977 026	92 236	9.4	.2	X
	30800	Personal and household goods repair and maintenance	327	110 281	5 302	4.8	.2	X
	30820	Other repair and maintenance	4 891	1 982 940	555 070	28.0	1.4	X
	39000	Merchandise sales	14 951	6 911 228	1 121 751	16.2	2.9	64.3
	39017	Fuels and lubricants	6 979	2 733 516	183 577	6.7	.5	X
	39021	Parts sold separately, not included in repair work performed	9 657	5 000 890	696 101	13.9	1.8	X
	39022	Sale of new equipment and merchandise, excluding parts	1 119	802 161	107 487	13.4	.3	X
	39023	Sale of used equipment and merchandise, excluding parts	1 844	971 553	128 606	13.2	.3	X
	39250	Rental or lease of goods and/or equipment	1 198	661 319	79 185	12.0	.2	57.0
	39253	Rental or lease of motor vehicles	641	395 300	38 209	9.7	.1	X
	39254	Rental or lease of all other goods and/or equipment	605	295 366	21 841	7.4	.1	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
81111		Automotive mechanical and electrical repair and maintenance—Con.						
	39500	All other receipts	3 573	1 954 565	394 639	20.2	1.0	64.2
	39514	All other operating receipts	3 569	1 938 832	389 697	20.1	1.0	X
811111		General automotive repair	82 731	X	31 784 174	X	100.0	64.5
	30750	Motor vehicle mechanical and electrical repair and maintenance	82 426	31 750 928	24 973 470	78.7	78.6	57.4
	30751	Exhaust systems, including mufflers	51 270	20 090 568	2 014 637	10.0	6.3	X
	30752	Transmissions	43 766	17 743 147	1 670 092	9.4	5.3	X
	30753	Diesel engines	21 470	10 029 234	2 121 203	21.2	6.7	X
	30754	Gasoline engines	58 257	21 505 497	6 409 515	29.8	20.2	X
	30755	Radiators	47 296	18 262 718	1 158 806	6.3	3.6	X
	30756	Brake and front-end repair and wheel alignment	66 020	24 912 734	5 246 986	21.1	16.5	X
	30757	Motor vehicle electrical repair and maintenance	48 583	18 663 412	3 206 217	17.2	10.1	X
	30758	Other	27 727	11 290 332	3 146 014	27.9	9.9	X
	30760	Motor vehicle body, paint, and interior repair	8 702	4 276 092	924 162	21.6	2.9	61.6
	30761	Body work	4 719	2 702 136	548 821	20.3	1.7	X
	30762	Painting	3 038	1 985 964	278 117	14.0	.9	X
	30763	Upholstery and interior repair	1 942	965 103	32 217	3.3	.1	X
	30764	Glass replacement and repair	5 197	2 463 489	65 007	2.6	.2	X
	30770	Other motor vehicle care and maintenance	56 368	20 703 471	3 772 572	18.2	11.9	63.6
	30771	Carwash	1 372	728 094	37 203	5.1	.1	X
	30772	Oil change and lube	53 400	19 260 833	2 242 918	11.6	7.1	X
	30773	Tire repair services, excluding retreading	22 537	9 360 910	670 715	7.2	2.1	X
	30774	Other motor vehicle care and maintenance: Towing or storage	16 478	6 484 528	472 207	7.3	1.5	X
	30775	Other motor vehicle care services	6 995	2 567 792	349 529	13.6	1.1	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	3 052	1 350 514	154 125	11.4	.5	X
	30790	Electronic and precision equipment repair and maintenance	2 503	931 360	86 542	9.3	.3	X
	30800	Personal and household goods repair and maintenance	290	97 320	4 438	4.6	Z	X
	30820	Other repair and maintenance	4 400	1 742 936	469 981	27.0	1.5	X
	39000	Merchandise sales	13 138	6 148 280	961 433	15.6	3.0	62.7
	39017	Fuels and lubricants	6 547	2 580 077	173 443	6.7	.5	X
	39021	Parts sold separately, not included in repair work performed	8 184	4 351 041	556 571	12.8	1.8	X
	39022	Sale of new equipment and merchandise, excluding parts	1 015	749 516	99 071	13.2	.3	X
	39023	Sale of used equipment and merchandise, excluding parts	1 805	957 925	126 368	13.2	.4	X
	39250	Rental or lease of goods and/or equipment	1 003	606 315	73 343	12.1	.2	55.0
	39253	Rental or lease of motor vehicles	485	361 655	35 758	9.9	.1	X
	39254	Rental or lease of all other goods and/or equipment	558	268 601	18 450	6.9	.1	X
	39500	All other receipts	3 270	1 799 836	364 108	20.2	1.1	62.6
	39514	All other operating receipts	3 266	1 784 103	359 166	20.1	1.1	X
811112		Automotive exhaust system repair	3 621	X	1 240 738	X	100.0	70.3
	30750	Motor vehicle mechanical and electrical repair and maintenance	3 621	1 240 738	1 158 080	93.3	93.3	65.6
	30751	Exhaust systems, including mufflers	3 621	1 240 738	789 660	63.6	63.6	X
	30752	Transmissions	137	65 126	4 204	6.5	.3	X
	30753	Diesel engines	12	5 397	336	6.2	Z	X
	30754	Gasoline engines	195	87 621	13 353	15.2	1.1	X
	30755	Radiators	550	203 109	27 539	13.6	2.2	X
	30756	Brake and front-end repair and wheel alignment	1 921	783 427	262 942	33.6	21.2	X
	30757	Motor vehicle electrical repair and maintenance	198	81 765	10 156	12.4	.8	X
	30758	Other	747	299 254	49 890	16.7	4.0	X
	30760	Motor vehicle body, paint, and interior repair	44	15 100	2 271	15.0	.2	70.3
	30761	Body work	13	5 301	1 062	20.0	.1	X
	30762	Painting	12	2 412	482	20.0	Z	X
	30763	Upholstery and interior repair	9	1 511	151	10.0	Z	X
	30764	Glass replacement and repair	21	8 264	576	7.0	Z	X
	30770	Other motor vehicle care and maintenance	1 038	410 908	51 465	12.5	4.1	70.1
	30771	Carwash	15	3 624	363	10.0	Z	X
	30772	Oil change and lube	961	375 332	32 752	8.7	2.6	X
	30773	Tire repair services, excluding retreading	228	107 136	7 758	7.2	.6	X
	30774	Other motor vehicle care and maintenance: Towing or storage	70	27 880	3 788	13.6	.3	X
	30775	Other motor vehicle care services	101	44 012	6 804	15.5	.5	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	15	5 757	447	7.8	Z	X
	30790	Electronic and precision equipment repair and maintenance	15	4 740	397	8.4	Z	X
	30800	Personal and household goods repair and maintenance	13	5 112	310	6.1	Z	X
	30820	Other repair and maintenance	107	38 314	10 918	28.5	.9	X
	39000	Merchandise sales	153	68 054	6 291	9.2	.5	69.4
	39017	Fuels and lubricants	34	12 161	1 094	9.0	.1	X
	39021	Parts sold separately, not included in repair work performed	125	57 770	4 652	8.1	.4	X
	39250	Rental or lease of goods and/or equipment	26	8 673	484	5.6	Z	70.3
	39253	Rental or lease of motor vehicles	20	5 917	359	6.1	Z	X
	39254	Rental or lease of all other goods and/or equipment	6	2 756	125	4.5	Z	X
	39500	All other receipts	113	56 913	10 075	17.7	.8	70.3
	39514	All other operating receipts	113	56 913	10 075	17.7	.8	X
811113		Automotive transmission repair	6 690	X	2 692 903	X	100.0	78.7

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of —		
						Estab- lishments with the product line	All estab- lishments ¹	
811113		Automotive transmission repair—Con.						
	30750	Motor vehicle mechanical and electrical repair and maintenance	6 690	2 692 903	2 602 152	96.6	96.6	77.3
	30751	Exhaust systems, including mufflers	289	126 970	19 438	15.3	.7	X
	30752	Transmissions	6 690	2 692 903	2 491 510	92.5	92.5	X
	30753	Diesel engines	78	59 271	5 803	9.8	.2	X
	30754	Gasoline engines	272	147 436	14 832	10.1	.6	X
	30755	Radiators	315	150 641	6 401	4.2	.2	X
	30756	Brake and front-end repair and wheel alignment	424	207 973	17 720	8.5	.7	X
	30757	Motor vehicle electrical repair and maintenance	298	156 835	11 163	7.1	.4	X
	30758	Other	434	192 839	35 285	18.3	1.3	X
	30760	Motor vehicle body, paint, and interior repair	22	13 303	1 966	14.8	.1	71.1
	30761	Body work	17	10 212	1 399	13.7	.1	X
	30764	Glass replacement and repair	7	4 242	75	1.8	Z	X
	30770	Other motor vehicle care and maintenance	635	263 474	22 297	8.5	.8	77.4
	30771	Carwash	6	3 805	43	1.1	Z	X
	30772	Oil change and lube	444	168 926	12 552	7.4	.5	X
	30773	Tire repair services, excluding retreading	20	11 485	211	1.8	Z	X
	30774	Other motor vehicle care and maintenance: Towing or storage	224	115 960	4 660	4.0	.2	X
	30775	Other motor vehicle care services	80	36 494	4 831	13.2	.2	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	28	16 346	2 047	12.5	.1	X
	30790	Electronic and precision equipment repair and maintenance	37	17 396	1 346	7.7	.1	X
	30820	Other repair and maintenance	58	39 720	11 122	28.0	.4	X
	39000	Merchandise sales	737	264 982	43 921	16.6	1.6	77.0
	39017	Fuels and lubricants	303	92 206	7 348	8.0	.3	X
	39021	Parts sold separately, not included in repair work performed	537	217 807	35 339	16.2	1.3	X
	39022	Sale of new equipment and merchandise, excluding parts	15	8 591	1 091	12.7	Z	X
	39023	Sale of used equipment and merchandise, excluding parts	7	2 440	143	5.9	Z	X
	39250	Rental or lease of goods and/or equipment	24	10 718	323	3.0	Z	75.3
	39253	Rental or lease of motor vehicles	12	3 812	87	2.3	Z	X
	39254	Rental or lease of all other goods and/or equipment	14	8 899	236	2.7	Z	X
	39500	All other receipts	59	35 654	7 675	21.5	.3	78.7
	39514	All other operating receipts	59	35 654	7 675	21.5	.3	X
811118		Other automotive mechanical and electrical repair and maintenance	6 771	X	2 702 624	X	100.0	69.4
	30750	Motor vehicle mechanical and electrical repair and maintenance	6 768	2 702 624	2 351 833	87.0	87.0	61.2
	30751	Exhaust systems, including mufflers	1 193	575 789	91 426	15.9	3.4	X
	30752	Transmissions	531	234 217	10 960	4.7	.4	X
	30753	Diesel engines	265	120 921	47 210	39.0	1.7	X
	30754	Gasoline engines	651	251 311	53 743	21.4	2.0	X
	30755	Radiators	2 264	811 469	464 414	57.2	17.2	X
	30756	Brake and front-end repair and wheel alignment	3 408	1 555 944	993 277	63.8	36.8	X
	30757	Motor vehicle electrical repair and maintenance	1 927	716 019	397 852	55.6	14.7	X
	30758	Other	1 680	738 632	292 689	39.6	10.8	X
	30760	Motor vehicle body, paint, and interior repair	134	62 897	17 252	27.4	.6	60.6
	30761	Body work	76	34 093	9 401	27.6	.3	X
	30762	Painting	33	19 334	3 116	16.1	.1	X
	30763	Upholstery and interior repair	14	5 718	178	3.1	Z	X
	30764	Glass replacement and repair	68	32 718	4 557	13.9	.2	X
	30770	Other motor vehicle care and maintenance	1 532	691 112	116 835	16.9	4.3	68.6
	30771	Carwash	14	7 694	1 083	14.1	Z	X
	30772	Oil change and lube	1 263	579 998	50 805	8.8	1.9	X
	30773	Tire repair services, excluding retreading	661	272 104	39 823	14.6	1.5	X
	30774	Other motor vehicle care and maintenance: Towing or storage	217	119 603	10 882	9.1	.4	X
	30775	Other motor vehicle care services	198	86 924	14 228	16.4	.5	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	235	86 706	21 282	24.5	.8	X
	30790	Electronic and precision equipment repair and maintenance	62	23 530	3 951	16.8	.1	X
	30800	Personal and household goods repair and maintenance	20	5 587	500	8.9	Z	X
	30820	Other repair and maintenance	326	161 970	63 049	38.9	2.3	X
	39000	Merchandise sales	923	429 912	110 106	25.6	4.1	69.2
	39017	Fuels and lubricants	95	49 072	1 692	3.4	.1	X
	39021	Parts sold separately, not included in repair work performed	811	374 272	99 539	26.6	3.7	X
	39022	Sale of new equipment and merchandise, excluding parts	89	44 054	7 325	16.6	.3	X
	39023	Sale of used equipment and merchandise, excluding parts	27	8 864	1 550	17.5	.1	X
	39250	Rental or lease of goods and/or equipment	145	35 613	5 035	14.1	.2	67.0
	39253	Rental or lease of motor vehicles	124	23 916	2 005	8.4	.1	X
	39254	Rental or lease of all other goods and/or equipment	27	15 110	3 030	20.1	.1	X
	39500	All other receipts	131	62 162	12 781	20.6	.5	67.7
	39514	All other operating receipts	131	62 162	12 781	20.6	.5	X
81112		Automotive body, paint, interior, and glass repair	42 139	X	26 206 099	X	100.0	72.4
	30750	Motor vehicle mechanical and electrical repair and maintenance	4 400	3 668 191	407 460	11.1	1.6	70.8
	30751	Exhaust systems, including mufflers	1 398	946 633	22 039	2.3	.1	X
	30752	Transmissions	626	426 744	10 368	2.4	Z	X
	30753	Diesel engines	306	133 286	5 466	4.1	Z	X
	30754	Gasoline engines	837	578 753	48 198	8.3	.2	X
	30755	Radiators	1 954	1 363 861	39 855	2.9	.2	X
	30756	Brake and front-end repair and wheel alignment	2 808	2 216 485	100 219	4.5	.4	X
	30757	Motor vehicle electrical repair and maintenance	1 378	1 089 511	57 950	5.3	.2	X
	30758	Other	1 117	1 293 892	123 365	9.5	.5	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
81112		Automotive body, paint, interior, and glass repair—Con.						
	30760	Motor vehicle body, paint, and interior repair	42 112	26 198 712	24 173 673	92.3	92.2	68.1
	30761	Body work	32 059	21 293 991	12 726 471	59.8	48.6	X
	30762	Painting	29 413	19 761 517	6 699 846	33.9	25.6	X
	30763	Upholstery and interior repair	5 710	3 751 410	787 324	21.0	3.0	X
	30764	Glass replacement and repair	18 015	11 897 103	3 960 032	33.3	15.1	X
	30770	Other motor vehicle care and maintenance	8 991	7 845 582	545 510	7.0	2.1	71.7
	30771	Carwash	863	925 339	46 235	5.0	.2	X
	30772	Oil change and lube	1 011	723 822	27 006	3.7	.1	X
	30773	Tire repair services, excluding retreading	870	766 674	14 714	1.9	.1	X
	30774	Other motor vehicle care and maintenance: Towing or storage	7 585	6 992 682	337 024	4.8	1.3	X
	30775	Other motor vehicle care services	1 646	1 500 774	120 531	8.0	.5	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	223	134 803	9 795	7.3	Z	X
	30790	Electronic and precision equipment repair and maintenance	130	84 336	4 061	4.8	Z	X
	30800	Personal and household goods repair and maintenance	445	158 721	25 020	15.8	.1	X
	30820	Other repair and maintenance	956	925 665	169 670	18.3	.6	X
	39000	Merchandise sales	2 659	1 878 433	435 636	23.2	1.7	70.3
	39017	Fuels and lubricants	346	178 493	6 143	3.4	Z	X
	39021	Parts sold separately, not included in repair work performed	2 001	1 480 492	358 577	24.2	1.4	X
	39022	Sale of new equipment and merchandise, excluding parts	320	202 163	32 183	15.9	.1	X
	39023	Sale of used equipment and merchandise, excluding parts	324	277 105	38 733	14.0	.1	X
	39250	Rental or lease of goods and/or equipment	813	761 630	24 027	3.2	.1	70.8
	39253	Rental or lease of motor vehicles	570	625 027	18 722	3.0	.1	X
	39254	Rental or lease of all other goods and/or equipment	268	157 128	5 305	3.4	Z	X
	39500	All other receipts	2 277	2 018 806	403 860	20.0	1.5	72.3
	39514	All other operating receipts	2 277	2 018 806	403 860	20.0	1.5	X
811121		Automotive body, paint, and interior repair and maintenance	35 200	X	22 405 337	X	100.0	73.2
	30750	Motor vehicle mechanical and electrical repair and maintenance	4 295	3 620 654	387 656	10.7	1.7	71.7
	30751	Exhaust systems, including mufflers	1 355	925 815	20 543	2.2	.1	X
	30752	Transmissions	621	424 153	10 310	2.4	Z	X
	30753	Diesel engines	302	128 144	5 335	4.2	Z	X
	30754	Gasoline engines	806	564 573	41 310	7.3	.2	X
	30755	Radiators	1 900	1 345 610	38 120	2.8	.2	X
	30756	Brake and front-end repair and wheel alignment	2 754	2 195 618	98 278	4.5	.4	X
	30757	Motor vehicle electrical repair and maintenance	1 369	1 085 494	57 751	5.3	.3	X
	30758	Other	1 083	1 276 014	116 009	9.1	.5	X
	30760	Motor vehicle body, paint, and interior repair	35 177	22 404 842	20 583 838	91.9	91.9	68.7
	30761	Body work	31 976	21 249 641	12 710 568	59.8	56.7	X
	30762	Painting	29 352	19 738 299	6 694 533	33.9	29.9	X
	30763	Upholstery and interior repair	5 565	3 658 878	765 749	20.9	3.4	X
	30764	Glass replacement and repair	11 080	8 103 233	412 988	5.1	1.8	X
	30770	Other motor vehicle care and maintenance	8 674	7 699 632	528 286	6.9	2.4	72.5
	30771	Carwash	820	902 810	38 480	4.3	.2	X
	30772	Oil change and lube	953	696 157	24 857	3.6	.1	X
	30773	Tire repair services, excluding retreading	845	754 970	14 127	1.9	.1	X
	30774	Other motor vehicle care and maintenance: Towing or storage	7 553	6 977 404	335 480	4.8	1.5	X
	30775	Other motor vehicle care services	1 458	1 407 708	115 342	8.2	.5	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	186	113 595	5 432	4.8	Z	X
	30790	Electronic and precision equipment repair and maintenance	128	83 767	3 985	4.8	Z	X
	30800	Personal and household goods repair and maintenance	316	84 627	7 113	8.4	Z	X
	30820	Other repair and maintenance	743	804 944	133 628	16.6	.6	X
	39000	Merchandise sales	2 521	1 816 441	426 872	23.5	1.9	71.1
	39017	Fuels and lubricants	337	174 466	5 395	3.1	Z	X
	39021	Parts sold separately, not included in repair work performed	1 909	1 440 516	354 276	24.6	1.6	X
	39022	Sale of new equipment and merchandise, excluding parts	283	183 585	28 481	15.5	.1	X
	39023	Sale of used equipment and merchandise, excluding parts	322	276 516	38 720	14.0	.2	X
	39250	Rental or lease of goods and/or equipment	801	753 246	23 458	3.1	.1	71.6
	39253	Rental or lease of motor vehicles	565	621 652	18 418	3.0	.1	X
	39254	Rental or lease of all other goods and/or equipment	258	148 855	5 040	3.4	Z	X
	39500	All other receipts	1 731	1 745 154	304 574	17.5	1.4	73.2
	39514	All other operating receipts	1 731	1 745 154	304 574	17.5	1.4	X
811122		Automotive glass replacement	6 939	X	3 800 762	X	100.0	67.7
	30750	Motor vehicle mechanical and electrical repair and maintenance	105	47 537	19 804	41.7	.5	62.9
	30751	Exhaust systems, including mufflers	43	20 818	1 496	7.2	Z	X
	30754	Gasoline engines	31	14 180	6 888	48.6	.2	X
	30755	Radiators	54	18 251	1 735	9.5	Z	X
	30756	Brake and front-end repair and wheel alignment	54	20 867	1 941	9.3	.1	X
	30757	Motor vehicle electrical repair and maintenance	9	4 017	199	5.0	Z	X
	30758	Other	34	17 878	7 356	41.1	.2	X
	30760	Motor vehicle body, paint, and interior repair	6 935	3 793 870	3 589 835	94.6	94.5	64.2
	30761	Body work	83	44 350	15 903	35.9	.4	X
	30762	Painting	61	23 218	5 313	22.9	.1	X
	30763	Upholstery and interior repair	145	92 532	21 575	23.3	.6	X
	30764	Glass replacement and repair	6 935	3 793 870	3 547 044	93.5	93.3	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of —		
						Estab- lishments with the product line	All estab- lishments ¹	
811122		Automotive glass replacement—Con.						
	30770	Other motor vehicle care and maintenance	317	145 950	17 224	11.8	.5	66.9
	30771	Carwash	43	22 529	7 755	34.4	.2	X
	30772	Oil change and lube	58	27 665	2 149	7.8	.1	X
	30773	Tire repair services, excluding retreading	25	11 704	587	5.0	Z	X
	30774	Other motor vehicle care and maintenance: Towing or storage	32	15 278	1 544	10.1	Z	X
	30775	Other motor vehicle care services	188	93 066	5 189	5.6	.1	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	37	21 208	4 363	20.6	.1	X
	30800	Personal and household goods repair and maintenance	129	74 094	17 907	24.2	.5	X
	30820	Other repair and maintenance	213	120 721	36 042	29.9	.9	X
	39000	Merchandise sales	138	61 992	8 764	14.1	.2	66.0
	39017	Fuels and lubricants	9	4 027	748	18.6	Z	X
	39021	Parts sold separately, not included in repair work performed	92	39 976	4 301	10.8	.1	X
	39022	Sale of new equipment and merchandise, excluding parts	37	18 578	3 702	19.9	.1	X
	39250	Rental or lease of goods and/or equipment	12	8 384	569	6.8	Z	67.7
	39254	Rental or lease of all other goods and/or equipment	10	8 273	265	3.2	Z	X
	39500	All other receipts	546	273 652	99 286	36.3	2.6	67.3
	39514	All other operating receipts	546	273 652	99 286	36.3	2.6	X
81119		Other automotive repair and maintenance	24 793	X	10 583 980	X	100.0	68.1
	30750	Motor vehicle mechanical and electrical repair and maintenance	2 909	1 362 970	308 299	22.6	2.9	67.2
	30751	Exhaust systems, including mufflers	311	90 548	9 933	11.0	.1	X
	30752	Transmissions	1 991	980 677	49 679	5.1	.5	X
	30753	Diesel engines	237	69 404	3 924	5.7	Z	X
	30754	Gasoline engines	499	222 887	46 280	20.8	.4	X
	30755	Radiators	1 972	977 231	38 148	3.9	.4	X
	30756	Brake and front-end repair and wheel alignment	877	336 181	45 559	13.6	.4	X
	30757	Motor vehicle electrical repair and maintenance	401	153 589	15 528	10.1	.1	X
	30758	Other	815	371 180	99 248	26.7	.9	X
	30760	Motor vehicle body, paint, and interior repair	438	236 741	26 171	11.1	.2	66.3
	30761	Body work	64	70 841	8 693	12.3	.1	X
	30762	Painting	119	75 428	6 119	8.1	.1	X
	30763	Upholstery and interior repair	74	22 643	2 644	11.7	Z	X
	30764	Glass replacement and repair	285	149 180	8 715	5.8	.1	X
	30770	Other motor vehicle care and maintenance	24 779	10 583 980	9 706 198	91.7	91.7	61.8
	30771	Carwash	14 886	5 595 753	4 481 524	80.1	42.3	X
	30772	Oil change and lube	9 879	4 990 791	3 649 436	73.1	34.5	X
	30773	Tire repair services, excluding retreading	944	393 161	195 578	49.7	1.8	X
	30774	Other motor vehicle care and maintenance: Towing or storage	160	118 282	23 398	19.8	.2	X
	30775	Other motor vehicle care services	3 334	2 087 843	1 311 118	62.8	12.4	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	40	31 844	5 406	17.0	.1	X
	30790	Electronic and precision equipment repair and maintenance	15	7 342	1 042	14.2	Z	X
	30800	Personal and household goods repair and maintenance	50	6 953	1 144	16.5	Z	X
	30820	Other repair and maintenance	887	375 224	103 781	27.7	1.0	X
	39000	Merchandise sales	1 396	1 138 170	216 804	19.0	2.0	67.4
	39017	Fuels and lubricants	609	651 714	145 242	22.3	1.4	X
	39021	Parts sold separately, not included in repair work performed	446	275 181	37 067	13.5	.4	X
	39022	Sale of new equipment and merchandise, excluding parts	466	392 897	28 898	7.4	.3	X
	39023	Sale of used equipment and merchandise, excluding parts	90	46 126	5 597	12.1	.1	X
	39250	Rental or lease of goods and/or equipment	113	53 326	7 501	14.1	.1	64.8
	39253	Rental or lease of motor vehicles	67	29 087	3 798	13.1	Z	X
	39254	Rental or lease of all other goods and/or equipment	47	24 285	3 703	15.2	Z	X
	39500	All other receipts	1 730	1 034 713	207 634	20.1	2.0	55.1
	39514	All other operating receipts	1 730	1 034 713	207 634	20.1	2.0	X
811191		Automotive oil change and lubrication	8 223	X	3 938 539	X	100.0	77.1
	30750	Motor vehicle mechanical and electrical repair and maintenance	2 320	1 136 308	250 257	22.0	6.4	76.3
	30751	Exhaust systems, including mufflers	232	71 440	7 327	10.3	.2	X
	30752	Transmissions	1 719	897 672	46 823	5.2	1.2	X
	30753	Diesel engines	176	61 429	3 544	5.8	.1	X
	30754	Gasoline engines	367	192 593	37 421	19.4	1.0	X
	30755	Radiators	1 698	891 968	36 149	4.1	.9	X
	30756	Brake and front-end repair and wheel alignment	690	284 202	37 586	13.2	1.0	X
	30757	Motor vehicle electrical repair and maintenance	255	102 393	9 745	9.5	.2	X
	30758	Other	591	272 282	71 662	26.3	1.8	X
	30760	Motor vehicle body, paint, and interior repair	63	36 786	1 694	4.6	Z	75.9
	30764	Glass replacement and repair	56	31 010	1 311	4.2	Z	X
	30770	Other motor vehicle care and maintenance	8 218	3 938 539	3 581 586	90.9	90.9	76.3
	30771	Carwash	660	340 369	65 006	19.1	1.7	X
	30772	Oil change and lube	8 218	3 938 539	3 363 897	85.4	85.4	X
	30773	Tire repair services, excluding retreading	287	158 329	22 600	14.3	.6	X
	30774	Other motor vehicle care and maintenance: Towing or storage	74	15 242	2 328	15.3	.1	X
	30775	Other motor vehicle care services	1 274	680 698	127 755	18.8	3.2	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	7	4 963	1 339	27.0	Z	X
	30790	Electronic and precision equipment repair and maintenance	7	2 875	197	6.9	Z	X
	30800	Personal and household goods repair and maintenance	41	4 608	709	15.4	Z	X
	30820	Other repair and maintenance	377	201 574	43 639	21.6	1.1	X

See footnotes at end of table.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
811191		Automotive oil change and lubrication—Con.						
	39000	Merchandise sales	396	259 628	35 132	13.5	.9	76.0
	39017	Fuels and lubricants	97	55 254	11 417	20.7	.3	X
	39021	Parts sold separately, not included in repair work performed	285	199 724	19 195	9.6	.5	X
	39022	Sale of new equipment and merchandise, excluding parts	41	29 766	3 177	10.7	.1	X
	39023	Sale of used equipment and merchandise, excluding parts	20	8 028	1 343	16.7	Z	X
	39250	Rental or lease of goods and/or equipment	49	23 434	3 387	14.5	.1	77.1
	39253	Rental or lease of motor vehicles	39	16 654	2 337	14.0	.1	X
	39254	Rental or lease of all other goods and/or equipment	8	6 780	1 050	15.5	Z	X
	39500	All other receipts	247	160 377	20 599	12.8	.5	77.1
	39514	All other operating receipts	247	160 377	20 599	12.8	.5	X
811192		Car washes	13 951	X	5 096 172	X	100.0	64.4
	30750	Motor vehicle mechanical and electrical repair and maintenance	309	112 469	14 167	12.6	.3	64.4
	30752	Transmissions	200	69 044	2 215	3.2	Z	X
	30754	Gasoline engines	39	15 785	4 898	31.0	.1	X
	30755	Radiators	202	70 277	1 499	2.1	Z	X
	30756	Brake and front-end repair and wheel alignment	41	14 678	1 022	7.0	Z	X
	30757	Motor vehicle electrical repair and maintenance	12	12 481	764	6.1	Z	X
	30758	Other	93	25 986	3 366	13.0	.1	X
	30760	Motor vehicle body, paint, and interior repair	200	94 531	13 046	13.8	.3	64.4
	30761	Body work	52	21 411	4 248	19.8	.1	X
	30762	Painting	107	23 801	3 812	16.0	.1	X
	30763	Upholstery and interior repair	54	16 571	1 982	12.0	Z	X
	30764	Glass replacement and repair	82	65 427	3 004	4.6	.1	X
	30770	Other motor vehicle care and maintenance	13 949	5 096 172	4 677 081	91.8	91.8	62.0
	30771	Carwash	13 949	5 096 172	4 381 024	86.0	86.0	X
	30772	Oil change and lube	1 197	840 291	248 867	29.6	4.9	X
	30773	Tire repair services, excluding retreading	47	15 696	1 216	7.7	Z	X
	30774	Other motor vehicle care and maintenance: Towing or storage	36	7 287	2 011	27.6	Z	X
	30775	Other motor vehicle care services	330	181 418	43 963	24.2	.9	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	21	10 651	1 886	17.7	Z	X
	30800	Personal and household goods repair and maintenance	6	2 089	255	12.2	Z	X
	30820	Other repair and maintenance	414	146 561	52 997	36.2	1.0	X
	39000	Merchandise sales	837	799 666	163 427	20.4	3.2	63.9
	39017	Fuels and lubricants	494	590 697	133 250	22.6	2.6	X
	39021	Parts sold separately, not included in repair work performed	73	34 602	6 178	17.9	.1	X
	39022	Sale of new equipment and merchandise, excluding parts	365	322 145	20 247	6.3	.4	X
	39023	Sale of used equipment and merchandise, excluding parts	46	32 107	3 752	11.7	.1	X
	39250	Rental or lease of goods and/or equipment	58	28 538	3 618	12.7	.1	58.0
	39253	Rental or lease of motor vehicles	25	12 387	1 445	11.7	Z	X
	39254	Rental or lease of all other goods and/or equipment	33	16 151	2 173	13.5	Z	X
	39500	All other receipts	1 259	726 691	169 542	23.3	3.3	48.6
	39514	All other operating receipts	1 259	726 691	169 542	23.3	3.3	X
811198		All other automotive repair and maintenance	2 619	X	1 549 269	X	100.0	57.6
	30750	Motor vehicle mechanical and electrical repair and maintenance	280	114 193	43 875	38.4	2.8	53.1
	30751	Exhaust systems, including mufflers	75	17 259	2 205	12.8	.1	X
	30752	Transmissions	72	13 961	641	4.6	Z	X
	30753	Diesel engines	59	6 233	378	6.1	Z	X
	30754	Gasoline engines	93	14 509	3 961	27.3	.3	X
	30755	Radiators	72	14 986	500	3.3	Z	X
	30756	Brake and front-end repair and wheel alignment	146	37 301	6 951	18.6	.4	X
	30757	Motor vehicle electrical repair and maintenance	134	38 715	5 019	13.0	.3	X
	30758	Other	131	72 912	24 220	33.2	1.6	X
	30760	Motor vehicle body, paint, and interior repair	175	105 424	11 431	10.8	.7	54.2
	30761	Body work	9	48 492	4 365	9.0	.3	X
	30762	Painting	9	48 572	2 238	4.6	.1	X
	30763	Upholstery and interior repair	16	3 308	428	12.9	Z	X
	30764	Glass replacement and repair	147	52 743	4 400	8.3	.3	X
	30770	Other motor vehicle care and maintenance	2 612	1 549 269	1 447 531	93.4	93.4	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	12	16 230	2 181	13.4	.1	X
	30790	Electronic and precision equipment repair and maintenance	6	3 805	692	18.2	Z	X
	30820	Other repair and maintenance	96	27 089	7 145	26.4	.5	X
	39000	Merchandise sales	163	78 876	18 245	23.1	1.2	55.3
	39017	Fuels and lubricants	18	5 763	575	10.0	Z	X
	39021	Parts sold separately, not included in repair work performed	88	40 855	11 694	28.6	.8	X
	39022	Sale of new equipment and merchandise, excluding parts	60	40 986	5 474	13.4	.4	X
	39023	Sale of used equipment and merchandise, excluding parts	24	5 991	502	8.4	Z	X
	39250	Rental or lease of goods and/or equipment	6	1 354	496	36.6	Z	57.6
	39254	Rental or lease of all other goods and/or equipment	6	1 354	480	35.5	Z	X
	39500	All other receipts	224	147 645	17 493	11.8	1.1	48.2
	39514	All other operating receipts	224	147 645	17 493	11.8	1.1	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
8112		Electronic and precision equipment repair and maintenance	14 500	X	16 500 177	X	100.0	64.5
	30770	Other motor vehicle care and maintenance	7	5 848	1 505	25.7	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	469	394 270	170 200	43.2	1.0	X
	30790	Electronic and precision equipment repair and maintenance	14 381	16 484 989	15 415 150	93.5	93.4	51.0
	30791	Computer and data processing equipment repair and maintenance	5 178	6 142 168	5 192 486	84.5	31.5	X
	30792	Communications equipment repair and maintenance	2 534	3 826 175	3 118 125	81.5	18.9	X
	30793	Consumer electronics repair, including radio, television, and VCR	3 570	1 530 404	1 312 300	85.7	8.0	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	798	1 046 599	855 246	81.7	5.2	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	4 599	5 954 106	4 921 079	82.7	29.8	X
	30800	Personal and household goods repair and maintenance	196	69 587	24 216	34.8	.1	39.1
	30802	Appliance repair	105	35 518	8 490	23.9	.1	X
	30807	Musical instrument repair, maintenance, and tuning	36	4 374	1 132	25.9	Z	X
	30811	Other personal and household goods repair	57	27 557	11 204	40.7	.1	X
	30820	Other repair and maintenance	249	141 036	51 018	36.2	.3	X
	39000	Merchandise sales	2 287	1 794 666	414 403	23.1	2.5	61.6
	39017	Fuels and lubricants	96	73 497	916	1.2	Z	X
	39021	Parts sold separately, not included in repair work performed	1 145	956 329	97 136	10.2	.6	X
	39022	Sale of new equipment and merchandise, excluding parts	1 165	937 320	219 394	23.4	1.3	X
	39023	Sale of used equipment and merchandise, excluding parts	1 019	610 783	96 957	15.9	.6	X
	39250	Rental or lease of goods and/or equipment	474	408 802	38 567	9.4	.2	X
	39500	All other receipts	1 301	2 054 835	372 482	18.1	2.3	64.1
	39515	All other operating receipts	1 301	2 054 835	372 482	18.1	2.3	X
81121		Electronic and precision equipment repair and maintenance	14 500	X	16 500 177	X	100.0	64.5
	30770	Other motor vehicle care and maintenance	7	5 848	1 505	25.7	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	469	394 270	170 200	43.2	1.0	X
	30790	Electronic and precision equipment repair and maintenance	14 381	16 484 989	15 415 150	93.5	93.4	51.0
	30791	Computer and data processing equipment repair and maintenance	5 178	6 142 168	5 192 486	84.5	31.5	X
	30792	Communications equipment repair and maintenance	2 534	3 826 175	3 118 125	81.5	18.9	X
	30793	Consumer electronics repair, including radio, television, and VCR	3 570	1 530 404	1 312 300	85.7	8.0	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	798	1 046 599	855 246	81.7	5.2	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	4 599	5 954 106	4 921 079	82.7	29.8	X
	30800	Personal and household goods repair and maintenance	196	69 587	24 216	34.8	.1	39.1
	30802	Appliance repair	105	35 518	8 490	23.9	.1	X
	30807	Musical instrument repair, maintenance, and tuning	36	4 374	1 132	25.9	Z	X
	30811	Other personal and household goods repair	57	27 557	11 204	40.7	.1	X
	30820	Other repair and maintenance	249	141 036	51 018	36.2	.3	X
	39000	Merchandise sales	2 287	1 794 666	414 403	23.1	2.5	61.6
	39017	Fuels and lubricants	96	73 497	916	1.2	Z	X
	39021	Parts sold separately, not included in repair work performed	1 145	956 329	97 136	10.2	.6	X
	39022	Sale of new equipment and merchandise, excluding parts	1 165	937 320	219 394	23.4	1.3	X
	39023	Sale of used equipment and merchandise, excluding parts	1 019	610 783	96 957	15.9	.6	X
	39250	Rental or lease of goods and/or equipment	474	408 802	38 567	9.4	.2	X
	39500	All other receipts	1 301	2 054 835	372 482	18.1	2.3	64.1
	39515	All other operating receipts	1 301	2 054 835	372 482	18.1	2.3	X
811211		Consumer electronics repair and maintenance	3 533	X	1 480 164	X	100.0	65.6
	30780	Commercial and industrial machinery and equipment repair and maintenance	38	12 419	4 681	37.7	.3	X
	30790	Electronic and precision equipment repair and maintenance	3 492	1 475 625	1 398 066	94.7	94.5	40.5
	30791	Computer and data processing equipment repair and maintenance	351	354 181	34 443	9.7	2.3	X
	30792	Communications equipment repair and maintenance	137	70 098	18 202	26.0	1.2	X
	30793	Consumer electronics repair, including radio, television, and VCR	3 492	1 475 625	1 299 014	88.0	87.8	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	17	8 616	1 067	12.4	.1	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	377	135 560	45 340	33.4	3.1	X
	30800	Personal and household goods repair and maintenance	132	42 612	13 414	31.5	.9	58.8
	30802	Appliance repair	105	35 518	8 490	23.9	.6	X
	30807	Musical instrument repair, maintenance, and tuning	16	2 485	650	26.2	Z	X
	30811	Other personal and household goods repair	13	2 471	884	35.8	.1	X
	30820	Other repair and maintenance	43	24 229	17 236	71.1	1.2	X
	39000	Merchandise sales	468	133 644	21 621	16.2	1.5	63.9
	39021	Parts sold separately, not included in repair work performed	296	59 258	3 206	5.4	.2	X
	39022	Sale of new equipment and merchandise, excluding parts	198	79 462	9 994	12.6	.7	X
	39023	Sale of used equipment and merchandise, excluding parts	232	50 091	8 402	16.8	.6	X
	39250	Rental or lease of goods and/or equipment	15	4 037	424	10.5	Z	X
	39500	All other receipts	252	59 873	24 722	41.3	1.7	57.8
	39515	All other operating receipts	252	59 873	24 722	41.3	1.7	X
811212		Computer and office machine repair and maintenance	5 876	X	6 483 365	X	100.0	69.6
	30780	Commercial and industrial machinery and equipment repair and maintenance	224	183 003	90 934	49.7	1.4	X
	30790	Electronic and precision equipment repair and maintenance	5 837	6 479 565	6 040 729	93.2	93.2	57.7
	30791	Computer and data processing equipment repair and maintenance	4 680	5 650 213	5 129 312	90.8	79.1	X
	30792	Communications equipment repair and maintenance	489	371 476	48 010	12.9	.7	X
	30793	Consumer electronics repair, including radio, television, and VCR	36	15 831	6 007	37.9	.1	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	1 578	1 323 822	839 045	63.4	12.9	X

See footnotes at end of table.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
811212		Computer and office machine repair and maintenance—Con.						
	30800	Personal and household goods repair and maintenance	41	9 442	4 445	47.1	.1	X
	30820	Other repair and maintenance	155	77 907	18 646	23.9	.3	X
	39000	Merchandise sales	753	587 821	150 884	25.7	2.3	66.2
	39017	Fuels and lubricants	89	67 929	737	1.1	Z	X
	39021	Parts sold separately, not included in repair work performed	351	272 656	35 143	12.9	.5	X
	39022	Sale of new equipment and merchandise, excluding parts	425	346 213	79 699	23.0	1.2	X
	39023	Sale of used equipment and merchandise, excluding parts	348	287 499	35 305	12.3	.5	X
	39250	Rental or lease of goods and/or equipment	168	176 149	19 038	10.8	.3	X
	39500	All other receipts	536	1 337 619	152 279	11.4	2.3	69.5
	39515	All other operating receipts	536	1 337 619	152 279	11.4	2.3	X
811213		Communication equipment repair and maintenance	1 836	X	3 272 373	X	100.0	75.8
	30780	Commercial and industrial machinery and equipment repair and maintenance	18	6 923	751	10.8	Z	X
	30790	Electronic and precision equipment repair and maintenance	1 831	3 265 524	3 064 335	93.8	93.6	63.7
	30791	Computer and data processing equipment repair and maintenance	67	65 964	18 478	28.0	.6	X
	30792	Communications equipment repair and maintenance	1 831	3 265 524	3 022 170	92.5	92.4	X
	30793	Consumer electronics repair, including radio, television, and VCR	20	25 406	1 379	5.4	Z	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	50	41 472	20 929	50.5	.6	X
	30820	Other repair and maintenance	24	15 707	7 249	46.2	.2	X
	39000	Merchandise sales	319	210 136	62 372	29.7	1.9	66.1
	39021	Parts sold separately, not included in repair work performed	191	108 207	17 435	16.1	.5	X
	39022	Sale of new equipment and merchandise, excluding parts	210	148 804	35 593	23.9	1.1	X
	39023	Sale of used equipment and merchandise, excluding parts	78	41 676	9 211	22.1	.3	X
	39250	Rental or lease of goods and/or equipment	166	92 676	10 907	11.8	.3	X
	39500	All other receipts	204	344 317	119 779	34.8	3.7	75.6
	39515	All other operating receipts	204	344 317	119 779	34.8	3.7	X
811219		Other electronic and precision equipment repair and maintenance	3 255	X	5 264 275	X	100.0	50.8
	30780	Commercial and industrial machinery and equipment repair and maintenance	189	191 925	73 834	38.5	1.4	X
	30790	Electronic and precision equipment repair and maintenance	3 221	5 264 275	4 912 020	93.3	93.3	37.8
	30791	Computer and data processing equipment repair and maintenance	80	71 810	10 253	14.3	.2	X
	30792	Communications equipment repair and maintenance	77	119 077	29 743	25.0	.6	X
	30793	Consumer electronics repair, including radio, television, and VCR	22	13 542	5 900	43.6	.1	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	774	992 727	850 359	85.7	16.2	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	2 594	4 453 252	4 015 765	90.2	76.3	X
	30800	Personal and household goods repair and maintenance	19	17 174	6 226	36.3	.1	X
	30820	Other repair and maintenance	27	23 193	7 887	34.0	.2	X
	39000	Merchandise sales	747	863 065	179 526	20.8	3.4	50.1
	39021	Parts sold separately, not included in repair work performed	307	516 208	41 352	8.0	.8	X
	39022	Sale of new equipment and merchandise, excluding parts	332	362 841	94 108	25.9	1.8	X
	39023	Sale of used equipment and merchandise, excluding parts	361	231 517	44 039	19.0	.8	X
	39250	Rental or lease of goods and/or equipment	125	135 940	8 198	6.0	.2	X
	39500	All other receipts	309	313 026	75 702	24.2	1.4	50.5
	39515	All other operating receipts	309	313 026	75 702	24.2	1.4	X
8113		Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	24 455	X	19 251 856	X	100.0	57.9
	30750	Motor vehicle mechanical and electrical repair and maintenance	706	261 147	49 157	18.8	.3	X
	30760	Motor vehicle body, paint, and interior repair	72	51 891	5 352	10.3	Z	X
	30770	Other motor vehicle care and maintenance	284	120 229	6 724	5.6	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	24 332	19 232 422	16 836 930	87.5	87.5	X
	30790	Electronic and precision equipment repair and maintenance	1 656	910 895	275 656	30.3	1.4	31.1
	30791	Computer and data processing equipment repair and maintenance	177	134 611	25 473	18.9	.1	X
	30792	Communications equipment repair and maintenance	105	111 524	12 185	10.9	.1	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	372	135 860	22 406	16.5	.1	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	1 196	718 159	214 838	29.9	1.1	X
	30800	Personal and household goods repair and maintenance	1 970	586 109	81 391	13.9	.4	51.0
	30801	Home and garden equipment repair	905	230 332	29 395	12.8	.2	X
	30802	Appliance repair	601	148 007	14 303	9.7	.1	X
	30803	Boat repair and maintenance	255	94 809	6 814	7.2	Z	X
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	311	86 542	2 968	3.4	Z	X
	30805	Bicycle repair	84	16 404	214	1.3	Z	X
	30806	Reupholstery and furniture repair	83	16 849	1 429	8.5	Z	X
	30811	Other personal and household goods repair	674	186 950	26 268	14.1	.1	X
	30820	Other repair and maintenance	1 053	664 263	222 926	33.6	1.2	X
	39000	Merchandise sales	5 927	4 534 975	1 190 326	26.2	6.2	55.8
	39017	Fuels and lubricants	724	319 267	16 857	5.3	.1	X
	39021	Parts sold separately, not included in repair work performed	4 041	3 351 912	710 970	21.2	3.7	X
	39022	Sale of new equipment and merchandise, excluding parts	2 614	2 010 198	362 516	18.0	1.9	X
	39023	Sale of used equipment and merchandise, excluding parts	1 569	1 280 928	99 983	7.8	.5	X
	39250	Rental or lease of goods and/or equipment	1 027	1 067 642	121 872	11.4	.6	X
	39500	All other receipts	1 657	1 734 279	461 522	26.6	2.4	56.8
	39515	All other operating receipts	1 657	1 734 279	461 522	26.6	2.4	X

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			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—			
						Estab- lishments with the product line	All estab- lishments ¹		
81131		Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	24 455	X	19 251 856	X	100.0	57.9	
	30750	Motor vehicle mechanical and electrical repair and maintenance	706	261 147	49 157	18.8	.3	X	
	30760	Motor vehicle body, paint, and interior repair	72	51 891	5 352	10.3	Z	X	
	30770	Other motor vehicle care and maintenance	284	120 229	6 724	5.6	Z	X	
	30780	Commercial and industrial machinery and equipment repair and maintenance	24 332	19 232 422	16 836 930	87.5	87.5	X	
	30790	Electronic and precision equipment repair and maintenance	1 656	910 895	275 656	30.3	1.4	31.1	
	30791	Computer and data processing equipment repair and maintenance	177	134 611	25 473	18.9	.1	X	
	30792	Communications equipment repair and maintenance	105	111 524	12 185	10.9	.1	X	
	30794	Medical, dental, and laboratory equipment repair and maintenance	372	135 860	22 406	16.5	.1	X	
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	1 196	718 159	214 838	29.9	1.1	X	
	30800	Personal and household goods repair and maintenance	1 970	586 109	81 391	13.9	.4	51.0	
	30801	Home and garden equipment repair	905	230 332	29 395	12.8	.2	X	
	30802	Appliance repair	601	148 007	14 303	9.7	.1	X	
	30803	Boat repair and maintenance	255	94 809	6 814	7.2	Z	X	
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	311	86 542	2 968	3.4	Z	X	
	30805	Bicycle repair	84	16 404	214	1.3	Z	X	
	30806	Reupholstery and furniture repair	83	16 849	1 429	8.5	Z	X	
	30811	Other personal and household goods repair	674	186 950	26 268	14.1	.1	X	
	30820	Other repair and maintenance	1 053	664 263	222 926	33.6	1.2	X	
	39000	Merchandise sales	5 927	4 534 975	1 190 326	26.2	6.2	55.8	
	39017	Fuels and lubricants	724	319 267	16 857	5.3	.1	X	
	39021	Parts sold separately, not included in repair work performed	4 041	3 351 912	710 970	21.2	3.7	X	
	39022	Sale of new equipment and merchandise, excluding parts	2 614	2 010 198	362 516	18.0	1.9	X	
	39023	Sale of used equipment and merchandise, excluding parts	1 569	1 280 928	99 983	7.8	.5	X	
	39250	Rental or lease of goods and/or equipment	1 027	1 067 642	121 872	11.4	.6	X	
	39500	All other receipts	1 657	1 734 279	461 522	26.6	2.4	56.8	
	39515	All other operating receipts	1 657	1 734 279	461 522	26.6	2.4	X	
	811310		Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	24 455	X	19 251 856	X	100.0	57.9
		30750	Motor vehicle mechanical and electrical repair and maintenance	706	261 147	49 157	18.8	.3	X
		30760	Motor vehicle body, paint, and interior repair	72	51 891	5 352	10.3	Z	X
		30770	Other motor vehicle care and maintenance	284	120 229	6 724	5.6	Z	X
		30780	Commercial and industrial machinery and equipment repair and maintenance	24 332	19 232 422	16 836 930	87.5	87.5	X
		30790	Electronic and precision equipment repair and maintenance	1 656	910 895	275 656	30.3	1.4	31.1
30791		Computer and data processing equipment repair and maintenance	177	134 611	25 473	18.9	.1	X	
30792		Communications equipment repair and maintenance	105	111 524	12 185	10.9	.1	X	
30794		Medical, dental, and laboratory equipment repair and maintenance	372	135 860	22 406	16.5	.1	X	
30795		Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	1 196	718 159	214 838	29.9	1.1	X	
30800		Personal and household goods repair and maintenance	1 970	586 109	81 391	13.9	.4	51.0	
30801		Home and garden equipment repair	905	230 332	29 395	12.8	.2	X	
30802		Appliance repair	601	148 007	14 303	9.7	.1	X	
30803		Boat repair and maintenance	255	94 809	6 814	7.2	Z	X	
30804		Motorcycle and other personal motorized transportation equipment repair and maintenance	311	86 542	2 968	3.4	Z	X	
30805		Bicycle repair	84	16 404	214	1.3	Z	X	
30806		Reupholstery and furniture repair	83	16 849	1 429	8.5	Z	X	
30811		Other personal and household goods repair	674	186 950	26 268	14.1	.1	X	
30820		Other repair and maintenance	1 053	664 263	222 926	33.6	1.2	X	
39000		Merchandise sales	5 927	4 534 975	1 190 326	26.2	6.2	55.8	
39017		Fuels and lubricants	724	319 267	16 857	5.3	.1	X	
39021		Parts sold separately, not included in repair work performed	4 041	3 351 912	710 970	21.2	3.7	X	
39022		Sale of new equipment and merchandise, excluding parts	2 614	2 010 198	362 516	18.0	1.9	X	
39023		Sale of used equipment and merchandise, excluding parts	1 569	1 280 928	99 983	7.8	.5	X	
39250		Rental or lease of goods and/or equipment	1 027	1 067 642	121 872	11.4	.6	X	
39500		All other receipts	1 657	1 734 279	461 522	26.6	2.4	56.8	
39515		All other operating receipts	1 657	1 734 279	461 522	26.6	2.4	X	
8114			Personal and household goods repair and maintenance	25 117	X	8 737 710	X	100.0	60.3
		30750	Motor vehicle mechanical and electrical repair and maintenance	76	24 447	2 689	11.0	Z	X
		30760	Motor vehicle body, paint, and interior repair	137	30 286	8 931	29.5	.1	X
		30770	Other motor vehicle care and maintenance	50	31 192	2 655	8.5	Z	X
		30780	Commercial and industrial machinery and equipment repair and maintenance	614	190 328	50 770	26.7	.6	X
		30790	Electronic and precision equipment repair and maintenance	1 473	2 690 568	336 975	12.5	3.9	59.5
	30791	Computer and data processing equipment repair and maintenance	1 262	2 587 630	52 335	2.0	.6	X	
	30792	Communications equipment repair and maintenance	15	33 235	4 524	13.6	.1	X	
	30793	Consumer electronics repair, including radio, television, and VCR	1 288	2 594 814	269 416	10.4	3.1	X	
	30794	Medical, dental, and laboratory equipment repair and maintenance	30	7 341	824	11.2	Z	X	
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	107	57 921	9 876	17.1	.1	X	
	30800	Personal and household goods repair and maintenance	24 978	8 734 376	7 837 221	89.7	89.7	53.4	
	30801	Home and garden equipment repair	3 753	3 733 217	1 176 282	31.5	13.5	X	
	30802	Appliance repair	5 235	3 562 994	2 286 697	64.2	26.2	X	
	30803	Boat repair and maintenance	2 612	1 177 790	980 265	83.2	11.2	X	
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	1 497	446 140	351 794	78.9	4.0	X	
	30805	Bicycle repair	103	329 435	41 476	12.6	.5	X	
	30806	Reupholsterv and furniture repair	5 888	1 297 901	1 208 013	93.1	13.8	X	

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
8114		Personal and household goods repair and maintenance—Con.						
	30800	Personal and household goods repair and maintenance—Con.						
	30807	Musical instrument repair, maintenance, and tuning	1 618	190 130	174 187	91.6	2.0	X
	30808	Garment alteration and repair	2 598	442 026	363 980	82.3	4.2	X
	30809	Shoe and leather goods repair	1 458	261 332	173 189	66.3	2.0	X
	30811	Other personal and household goods repair	3 711	3 727 578	1 078 900	28.9	12.3	X
	30820	Other repair and maintenance	706	171 435	74 338	43.4	.9	X
	39000	Merchandise sales	3 216	957 406	251 589	26.3	2.9	57.1
	39017	Fuels and lubricants	669	248 841	13 634	5.5	.2	X
	39021	Parts sold separately, not included in repair work performed	2 234	715 429	130 449	18.2	1.5	X
	39022	Sale of new equipment and merchandise, excluding parts	1 282	356 207	74 584	20.9	.9	X
	39023	Sale of used equipment and merchandise, excluding parts	884	233 264	32 922	14.1	.4	X
	39250	Rental or lease of goods and/or equipment	189	108 081	10 483	9.7	.1	X
	39500	All other receipts	1 665	524 254	161 804	30.9	1.9	58.7
	39515	All other operating receipts	1 664	524 044	161 711	30.9	1.9	X
81141		Home and garden equipment and appliance repair and maintenance	7 608	X	4 195 480	X	100.0	70.8
	30750	Motor vehicle mechanical and electrical repair and maintenance	46	8 816	1 281	14.5	Z	X
	30770	Other motor vehicle care and maintenance	20	4 552	432	9.5	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	489	156 891	40 980	26.1	1.0	X
	30790	Electronic and precision equipment repair and maintenance	1 334	2 640 754	327 815	12.4	7.8	70.0
	30791	Computer and data processing equipment repair and maintenance	1 251	2 586 612	52 269	2.0	1.2	X
	30793	Consumer electronics repair, including radio, television, and VCR	1 259	2 590 914	268 827	10.4	6.4	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	25	17 644	6 557	37.2	.2	X
	30800	Personal and household goods repair and maintenance	7 550	4 193 876	3 655 382	87.2	87.1	65.3
	30801	Home and garden equipment repair	3 655	3 402 601	1 163 507	34.2	27.7	X
	30802	Appliance repair	5 231	3 562 043	2 286 685	64.2	54.5	X
	30803	Boat repair and maintenance	34	6 970	1 435	20.6	Z	X
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	69	25 156	5 637	22.4	.1	X
	30811	Other personal and household goods repair	1 396	2 742 436	198 087	7.2	4.7	X
	30820	Other repair and maintenance	276	63 523	26 993	42.5	.6	X
	39000	Merchandise sales	1 657	411 965	120 582	29.3	2.9	68.5
	39017	Fuels and lubricants	220	54 433	1 724	3.2	Z	X
	39021	Parts sold separately, not included in repair work performed	1 175	301 669	57 288	19.0	1.4	X
	39022	Sale of new equipment and merchandise, excluding parts	820	219 318	47 796	21.8	1.1	X
	39023	Sale of used equipment and merchandise, excluding parts	520	112 537	13 774	12.2	.3	X
	39250	Rental or lease of goods and/or equipment	45	21 533	1 130	5.2	Z	X
	39500	All other receipts	292	74 258	20 885	28.1	.5	70.3
	39515	All other operating receipts	291	74 048	20 792	28.1	.5	X
811411		Home and garden equipment repair and maintenance	2 379	X	651 785	X	100.0	45.7
	30750	Motor vehicle mechanical and electrical repair and maintenance	46	8 816	1 281	14.5	.2	X
	30770	Other motor vehicle care and maintenance	18	3 530	397	11.2	.1	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	273	112 152	30 721	27.4	4.7	X
	30790	Electronic and precision equipment repair and maintenance	69	46 878	7 393	15.8	1.1	X
	30800	Personal and household goods repair and maintenance	2 362	650 181	516 191	79.4	79.2	36.6
	30801	Home and garden equipment repair	2 362	650 181	502 744	77.3	77.1	X
	30802	Appliance repair	43	18 348	4 197	22.9	.6	X
	30803	Boat repair and maintenance	34	6 970	1 435	20.6	.2	X
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	69	25 156	5 637	22.4	.9	X
	30811	Other personal and household goods repair	123	12 438	2 178	17.5	.3	X
	30820	Other repair and maintenance	123	21 075	7 109	33.7	1.1	X
	39000	Merchandise sales	968	232 550	77 078	33.1	11.8	45.2
	39017	Fuels and lubricants	212	52 594	1 583	3.0	.2	X
	39021	Parts sold separately, not included in repair work performed	688	166 580	39 677	23.8	6.1	X
	39022	Sale of new equipment and merchandise, excluding parts	600	157 348	32 004	20.3	4.9	X
	39023	Sale of used equipment and merchandise, excluding parts	282	65 905	3 814	5.8	.6	X
	39250	Rental or lease of goods and/or equipment	13	3 517	319	9.1	Z	X
	39500	All other receipts	181	38 967	11 296	29.0	1.7	44.9
	39515	All other operating receipts	180	38 757	11 203	28.9	1.7	X
811412		Appliance repair and maintenance	5 229	X	3 543 695	X	100.0	75.4
	30780	Commercial and industrial machinery and equipment repair and maintenance	216	44 739	10 259	22.9	.3	X
	30790	Electronic and precision equipment repair and maintenance	1 265	2 593 876	320 422	12.4	9.0	75.4
	30791	Computer and data processing equipment repair and maintenance	1 205	2 556 322	51 328	2.0	1.4	X
	30793	Consumer electronics repair, including radio, television, and VCR	1 259	2 590 914	268 827	10.4	7.6	X
	30800	Personal and household goods repair and maintenance	5 188	3 543 695	3 139 191	88.6	88.6	70.6
	30801	Home and garden equipment repair	1 293	2 752 420	660 763	24.0	18.6	X
	30802	Appliance repair	5 188	3 543 695	2 282 488	64.4	64.4	X
	30811	Other personal and household goods repair	1 273	2 729 998	195 909	7.2	5.5	X
	30820	Other repair and maintenance	153	42 448	19 884	46.8	.6	X
	39000	Merchandise sales	689	179 415	43 504	24.2	1.2	71.7
	39017	Fuels and lubricants	8	1 839	141	7.7	Z	X
	39021	Parts sold separately, not included in repair work performed	487	135 089	17 611	13.0	.5	X
	39022	Sale of new equipment and merchandise, excluding parts	220	61 970	15 792	25.5	.4	X
	39023	Sale of used equipment and merchandise, excluding parts	238	46 632	9 960	21.4	.3	X
	39250	Rental or lease of goods and/or equipment	32	18 016	811	4.5	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
811412		Appliance repair and maintenance—Con.						
	39500	All other receipts	111	35 291	9 589	27.2	.3	75.4
	39515	All other operating receipts	111	35 291	9 589	27.2	.3	X
81142		Reupholstery and furniture repair	5 777	X	1 277 871	X	100.0	54.6
	30750	Motor vehicle mechanical and electrical repair and maintenance	19	2 926	447	15.3	Z	X
	30760	Motor vehicle body, paint, and interior repair	112	18 963	5 456	28.8	.4	X
	30770	Other motor vehicle care and maintenance	9	4 038	371	9.2	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	30	7 207	2 070	28.7	.2	X
	30790	Electronic and precision equipment repair and maintenance	37	7 616	1 316	17.3	.1	47.5
	30793	Consumer electronics repair, including radio, television, and VCR	9	2 596	167	6.4	Z	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	16	3 766	631	16.8	Z	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	12	1 026	463	45.1	Z	X
	30800	Personal and household goods repair and maintenance	5 772	1 277 857	1 208 279	94.6	94.6	48.9
	30803	Boat repair and maintenance	49	12 408	2 960	23.9	.2	X
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	9	2 211	254	11.5	Z	X
	30806	Reupholstery and furniture repair	5 772	1 277 857	1 198 892	93.8	93.8	X
	30807	Musical instrument repair, maintenance, and tuning	9	2 926	205	7.0	Z	X
	30811	Other personal and household goods repair	100	25 940	5 884	22.7	.5	X
	30820	Other repair and maintenance	151	42 144	21 979	52.2	1.7	X
	39000	Merchandise sales	181	44 687	10 785	24.1	.8	53.1
	39017	Fuels and lubricants	13	5 443	875	16.1	.1	X
	39021	Parts sold separately, not included in repair work performed	58	12 514	2 191	17.5	.2	X
	39022	Sale of new equipment and merchandise, excluding parts	72	21 049	3 980	18.9	.3	X
	39023	Sale of used equipment and merchandise, excluding parts	72	15 287	3 739	24.5	.3	X
	39250	Rental or lease of goods and/or equipment	6	3 706	51	1.4	Z	X
	39500	All other receipts	271	63 139	27 103	42.9	2.1	53.4
	39515	All other operating receipts	271	63 139	27 103	42.9	2.1	X
811420		Reupholstery and furniture repair	5 777	X	1 277 871	X	100.0	54.6
	30750	Motor vehicle mechanical and electrical repair and maintenance	19	2 926	447	15.3	Z	X
	30760	Motor vehicle body, paint, and interior repair	112	18 963	5 456	28.8	.4	X
	30770	Other motor vehicle care and maintenance	9	4 038	371	9.2	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	30	7 207	2 070	28.7	.2	X
	30790	Electronic and precision equipment repair and maintenance	37	7 616	1 316	17.3	.1	47.5
	30793	Consumer electronics repair, including radio, television, and VCR	9	2 596	167	6.4	Z	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	16	3 766	631	16.8	Z	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	12	1 026	463	45.1	Z	X
	30800	Personal and household goods repair and maintenance	5 772	1 277 857	1 208 279	94.6	94.6	48.9
	30803	Boat repair and maintenance	49	12 408	2 960	23.9	.2	X
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	9	2 211	254	11.5	Z	X
	30806	Reupholstery and furniture repair	5 772	1 277 857	1 198 892	93.8	93.8	X
	30807	Musical instrument repair, maintenance, and tuning	9	2 926	205	7.0	Z	X
	30811	Other personal and household goods repair	100	25 940	5 884	22.7	.5	X
	30820	Other repair and maintenance	151	42 144	21 979	52.2	1.7	X
	39000	Merchandise sales	181	44 687	10 785	24.1	.8	53.1
	39017	Fuels and lubricants	13	5 443	875	16.1	.1	X
	39021	Parts sold separately, not included in repair work performed	58	12 514	2 191	17.5	.2	X
	39022	Sale of new equipment and merchandise, excluding parts	72	21 049	3 980	18.9	.3	X
	39023	Sale of used equipment and merchandise, excluding parts	72	15 287	3 739	24.5	.3	X
	39250	Rental or lease of goods and/or equipment	6	3 706	51	1.4	Z	X
	39500	All other receipts	271	63 139	27 103	42.9	2.1	53.4
	39515	All other operating receipts	271	63 139	27 103	42.9	2.1	X
81143		Footwear and leather goods repair	1 418	X	187 050	X	100.0	55.9
	30800	Personal and household goods repair and maintenance	1 418	187 050	173 360	92.7	92.7	51.3
	30808	Garment alteration and repair	46	6 251	1 202	19.2	.6	X
	30809	Shoe and leather goods repair	1 418	187 050	171 680	91.8	91.8	X
	30811	Other personal and household goods repair	10	1 366	341	25.0	.2	X
	30820	Other repair and maintenance	47	4 467	1 864	41.7	1.0	X
	39000	Merchandise sales	43	4 381	740	16.9	.4	55.9
	39021	Parts sold separately, not included in repair work performed	8	913	172	18.8	.1	X
	39022	Sale of new equipment and merchandise, excluding parts	33	3 275	495	15.1	.3	X
	39500	All other receipts	201	37 309	9 823	26.3	5.3	55.1
	39515	All other operating receipts	201	37 309	9 823	26.3	5.3	X
811430		Footwear and leather goods repair	1 418	X	187 050	X	100.0	55.9
	30800	Personal and household goods repair and maintenance	1 418	187 050	173 360	92.7	92.7	51.3
	30808	Garment alteration and repair	46	6 251	1 202	19.2	.6	X
	30809	Shoe and leather goods repair	1 418	187 050	171 680	91.8	91.8	X
	30811	Other personal and household goods repair	10	1 366	341	25.0	.2	X
	30820	Other repair and maintenance	47	4 467	1 864	41.7	1.0	X
	39000	Merchandise sales	43	4 381	740	16.9	.4	55.9
	39021	Parts sold separately, not included in repair work performed	8	913	172	18.8	.1	X
	39022	Sale of new equipment and merchandise, excluding parts	33	3 275	495	15.1	.3	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line	Establishments with the product line		Product line receipts/revenue			Response coverage ² (percent)
			Number	Total receipts/ revenue (\$1,000)	Amount ¹ (\$1,000)	As percent of total receipts/ revenue of—		
						Estab- lishments with the product line	All estab- lishments ¹	
811430		Footwear and leather goods repair—Con.						
	39500	All other receipts	201	37 309	9 823	26.3	5.3	55.1
	39515	All other operating receipts	201	37 309	9 823	26.3	5.3	X
81149		Other personal and household goods repair and maintenance	10 314	X	3 077 309	X	100.0	48.6
	30750	Motor vehicle mechanical and electrical repair and maintenance	11	12 705	961	7.6	Z	X
	30760	Motor vehicle body, paint, and interior repair	21	10 725	3 017	28.1	.1	X
	30770	Other motor vehicle care and maintenance	17	20 881	1 049	5.0	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	93	26 166	7 718	29.5	.3	X
	30790	Electronic and precision equipment repair and maintenance	102	42 198	7 844	18.6	.3	35.7
	30791	Computer and data processing equipment repair and maintenance	9	790	64	8.1	Z	X
	30792	Communications equipment repair and maintenance	8	29 830	4 344	14.6	.1	X
	30793	Consumer electronics repair, including radio, television, and VCR	20	1 304	422	32.4	Z	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	12	1 643	158	9.6	Z	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	70	39 251	2 856	7.3	.1	X
	30800	Personal and household goods repair and maintenance	10 238	3 075 593	2 800 200	91.0	91.0	39.1
	30801	Home and garden equipment repair	94	329 632	12 751	3.9	.4	X
	30803	Boat repair and maintenance	2 529	1 158 412	975 870	84.2	31.7	X
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	1 419	418 773	345 903	82.6	11.2	X
	30805	Bicycle repair	101	328 822	41 464	12.6	1.3	X
	30806	Reupholstery and furniture repair	110	18 816	8 953	47.6	.3	X
	30807	Musical instrument repair, maintenance, and tuning	1 609	187 204	173 982	92.9	5.7	X
	30808	Garment alteration and repair	2 548	434 983	362 766	83.4	11.8	X
	30809	Shoe and leather goods repair	36	73 413	1 485	2.0	Z	X
	30811	Other personal and household goods repair	2 205	957 836	874 588	91.3	28.4	X
	30820	Other repair and maintenance	232	61 301	23 502	38.3	.8	X
	39000	Merchandise sales	1 335	496 373	119 482	24.1	3.9	45.0
	39017	Fuels and lubricants	436	188 965	11 035	5.8	.4	X
	39021	Parts sold separately, not included in repair work performed	993	400 333	70 798	17.7	2.3	X
	39022	Sale of new equipment and merchandise, excluding parts	357	112 565	22 313	19.8	.7	X
	39023	Sale of used equipment and merchandise, excluding parts	288	105 193	15 336	14.6	.5	X
	39250	Rental or lease of goods and/or equipment	138	82 842	9 302	11.2	.3	X
	39500	All other receipts	901	349 548	103 993	29.8	3.4	47.0
	39515	All other operating receipts	901	349 548	103 993	29.8	3.4	X
811490		Other personal and household goods repair and maintenance	10 314	X	3 077 309	X	100.0	48.6
	30750	Motor vehicle mechanical and electrical repair and maintenance	11	12 705	961	7.6	Z	X
	30760	Motor vehicle body, paint, and interior repair	21	10 725	3 017	28.1	.1	X
	30770	Other motor vehicle care and maintenance	17	20 881	1 049	5.0	Z	X
	30780	Commercial and industrial machinery and equipment repair and maintenance	93	26 166	7 718	29.5	.3	X
	30790	Electronic and precision equipment repair and maintenance	102	42 198	7 844	18.6	.3	35.7
	30791	Computer and data processing equipment repair and maintenance	9	790	64	8.1	Z	X
	30792	Communications equipment repair and maintenance	8	29 830	4 344	14.6	.1	X
	30793	Consumer electronics repair, including radio, television, and VCR	20	1 304	422	32.4	Z	X
	30794	Medical, dental, and laboratory equipment repair and maintenance	12	1 643	158	9.6	Z	X
	30795	Electronic and precision equipment repair and maintenance: Other electronic and precision equipment repair and maintenance	70	39 251	2 856	7.3	.1	X
	30800	Personal and household goods repair and maintenance	10 238	3 075 593	2 800 200	91.0	91.0	39.1
	30801	Home and garden equipment repair	94	329 632	12 751	3.9	.4	X
	30803	Boat repair and maintenance	2 529	1 158 412	975 870	84.2	31.7	X
	30804	Motorcycle and other personal motorized transportation equipment repair and maintenance	1 419	418 773	345 903	82.6	11.2	X
	30805	Bicycle repair	101	328 822	41 464	12.6	1.3	X
	30806	Reupholstery and furniture repair	110	18 816	8 953	47.6	.3	X
	30807	Musical instrument repair, maintenance, and tuning	1 609	187 204	173 982	92.9	5.7	X
	30808	Garment alteration and repair	2 548	434 983	362 766	83.4	11.8	X
	30809	Shoe and leather goods repair	36	73 413	1 485	2.0	Z	X
	30811	Other personal and household goods repair	2 205	957 836	874 588	91.3	28.4	X
	30820	Other repair and maintenance	232	61 301	23 502	38.3	.8	X
	39000	Merchandise sales	1 335	496 373	119 482	24.1	3.9	45.0
	39017	Fuels and lubricants	436	188 965	11 035	5.8	.4	X
	39021	Parts sold separately, not included in repair work performed	993	400 333	70 798	17.7	2.3	X
	39022	Sale of new equipment and merchandise, excluding parts	357	112 565	22 313	19.8	.7	X
	39023	Sale of used equipment and merchandise, excluding parts	288	105 193	15 336	14.6	.5	X
	39250	Rental or lease of goods and/or equipment	138	82 842	9 302	11.2	.3	X
	39500	All other receipts	901	349 548	103 993	29.8	3.4	47.0
	39515	All other operating receipts	901	349 548	103 993	29.8	3.4	X

¹Product line receipts/revenue and product line percents may not sum to total due to exclusion of selected lines to avoid disclosing data for individual companies, due to rounding, and/or due to exclusion of lines that did not meet publication criteria.

²Receipts/revenue of establishments reporting product lines as percent of total receipts/revenue.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 4. Concentration by Largest Firms for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business and largest firms based on receipts/revenue	Establishments (number)	Receipts/revenue		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
811	Repair and maintenance						
	All firms	230 817	119 700 261	100.0	35 266 671	8 580 063	1 286 510
	4 largest firms	778	5 125 140	4.3	1 385 392	341 186	34 654
	8 largest firms	1 834	7 156 376	6.0	1 965 946	495 317	47 971
	20 largest firms	3 969	10 034 678	8.4	2 642 638	663 029	71 345
	50 largest firms	5 507	13 653 231	11.4	3 830 841	967 908	101 618
8111	Automotive repair and maintenance						
	All firms	166 745	75 210 518	100.0	21 554 157	5 229 389	870 079
	4 largest firms	2 179	1 363 396	1.8	348 863	81 185	12 107
	8 largest firms	3 064	2 109 323	2.8	544 415	131 338	21 838
	20 largest firms	4 096	3 435 809	4.6	955 347	230 988	35 355
	50 largest firms	5 734	4 893 300	6.5	1 398 776	352 924	53 602
81111	Automotive mechanical and electrical repair and maintenance						
	All firms	99 813	38 420 439	100.0	10 505 159	2 545 323	401 523
	4 largest firms	650	586 319	1.5	136 851	33 116	3 952
	8 largest firms	1 624	875 518	2.3	237 855	70 059	9 490
	20 largest firms	1 999	1 285 651	3.3	373 269	103 019	13 737
	50 largest firms	2 325	1 856 807	4.8	513 180	139 818	17 764
811111	General automotive repair						
	All firms	82 731	31 784 174	100.0	8 585 762	2 079 657	329 435
	4 largest firms	649	585 095	1.8	136 322	32 966	3 935
	8 largest firms	1 587	841 942	2.6	231 265	68 794	9 332
	20 largest firms	1 847	1 205 838	3.8	346 403	96 618	12 865
	50 largest firms	2 046	1 711 860	5.4	471 674	130 879	17 121
811112	Automotive exhaust system repair						
	All firms	3 621	1 240 738	100.0	338 445	80 824	13 854
	4 largest firms	74	57 344	4.6	15 962	3 693	520
	8 largest firms	100	89 911	7.2	26 530	6 090	873
	20 largest firms	142	140 457	11.3	40 124	9 251	1 312
	50 largest firms	255	214 026	17.2	60 921	14 141	1 955
811113	Automotive transmission repair						
	All firms	6 690	2 692 903	100.0	813 497	200 460	28 732
	4 largest firms	25	58 424	2.2	12 923	2 982	311
	8 largest firms	36	86 993	3.2	21 762	5 029	540
	20 largest firms	60	142 319	5.3	39 075	9 154	940
	50 largest firms	110	221 964	8.2	63 935	15 124	1 615
811118	Other automotive mechanical and electrical repair and maintenance						
	All firms	6 771	2 702 624	100.0	767 455	184 382	29 502
	4 largest firms	220	160 307	5.9	42 485	10 259	1 418
	8 largest firms	264	213 685	7.9	60 477	14 151	1 891
	20 largest firms	311	302 473	11.2	82 150	19 283	2 492
	50 largest firms	417	435 680	16.1	123 434	29 003	3 751
81112	Automotive body, paint, interior, and glass repair						
	All firms	42 139	26 206 099	100.0	7 872 938	1 920 059	253 210
	4 largest firms	1 474	1 202 344	4.6	310 117	75 758	8 284
	8 largest firms	1 621	1 670 833	6.4	485 287	116 644	11 782
	20 largest firms	2 125	2 214 408	8.4	633 248	153 017	15 954
	50 largest firms	2 435	2 944 649	11.2	848 105	208 061	21 236
811121	Automotive body, paint, and interior repair and maintenance						
	All firms	35 200	22 405 337	100.0	6 880 027	1 682 252	220 393
	4 largest firms	173	568 676	2.5	205 267	50 016	4 351
	8 largest firms	389	805 896	3.6	274 155	66 519	6 532
	20 largest firms	489	1 209 848	5.4	399 168	97 840	9 475
	50 largest firms	605	1 714 014	7.7	553 830	138 906	12 959
811122	Automotive glass replacement						
	All firms	6 939	3 800 762	100.0	992 911	237 807	32 817
	4 largest firms	1 495	1 065 329	28.0	263 261	62 926	7 113
	8 largest firms	1 684	1 238 860	32.6	308 208	73 647	8 365
	20 largest firms	1 892	1 493 784	39.3	371 089	88 325	9 927
	50 largest firms	2 111	1 748 141	46.0	443 951	106 165	12 084
81119	Other automotive repair and maintenance						
	All firms	24 793	10 583 980	100.0	3 176 060	764 007	215 346
	4 largest firms	1 141	795 013	7.5	222 434	55 079	14 580
	8 largest firms	1 613	1 167 357	11.0	340 272	83 624	21 415
	20 largest firms	1 855	1 669 283	15.8	484 064	118 935	27 742
	50 largest firms	2 693	2 276 985	21.5	664 701	162 635	40 103
811191	Automotive oil change and lubrication						
	All firms	8 223	3 938 539	100.0	1 095 504	259 960	63 510
	4 largest firms	1 246	687 247	17.4	193 274	45 253	12 348
	8 largest firms	1 368	824 359	20.9	226 685	53 499	14 135
	20 largest firms	1 807	1 098 466	27.9	302 570	71 364	18 475
	50 largest firms	2 420	1 453 812	36.9	392 417	92 686	23 189

See footnotes at end of table.

Table 4. Concentration by Largest Firms for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table. Enterprise support establishments are included. Because of this, comparability to 1997 Economic Census data may be limited. See introductory text for an explanation of the treatment of enterprise support establishments in the 2002 Economic Census compared to the 1997 Economic Census]

2002 NAICS code	Kind of business and largest firms based on receipts/revenue	Establishments (number)	Receipts/revenue		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
811192	Car washes						
	All firms	13 951	5 096 172	100.0	1 650 236	400 953	135 075
	4 largest firms	179	312 691	6.1	117 126	29 848	7 671
	8 largest firms	276	414 043	8.1	148 106	37 992	10 534
	20 largest firms	426	587 965	11.5	200 546	52 734	14 633
	50 largest firms	558	808 617	15.9	272 758	70 005	19 733
811198	All other automotive repair and maintenance						
	All firms	2 619	1 549 269	100.0	430 320	103 094	16 761
	4 largest firms	233	381 831	24.6	105 259	26 822	4 637
	8 largest firms	241	501 597	32.4	138 586	34 931	5 685
	20 largest firms	329	629 471	40.6	179 232	44 919	7 077
	50 largest firms	383	772 135	49.8	229 751	56 599	8 337
8112	Electronic and precision equipment repair and maintenance						
	All firms	14 500	16 500 177	100.0	5 165 658	1 286 492	130 683
	4 largest firms	206	3 748 794	22.7	881 761	220 476	12 584
	8 largest firms	392	4 979 262	30.2	1 209 788	307 700	20 375
	20 largest firms	533	6 432 569	39.0	1 711 743	441 144	30 986
	50 largest firms	768	7 906 264	47.9	2 183 812	558 264	41 704
81121	Electronic and precision equipment repair and maintenance						
	All firms	14 500	16 500 177	100.0	5 165 658	1 286 492	130 683
	4 largest firms	206	3 748 794	22.7	881 761	220 476	12 584
	8 largest firms	392	4 979 262	30.2	1 209 788	307 700	20 375
	20 largest firms	533	6 432 569	39.0	1 711 743	441 144	30 986
	50 largest firms	768	7 906 264	47.9	2 183 812	558 264	41 704
811211	Consumer electronics repair and maintenance						
	All firms	3 533	1 480 164	100.0	503 047	126 250	19 547
	4 largest firms	41	406 896	27.5	87 165	22 237	2 602
	8 largest firms	71	484 688	32.7	113 696	25 701	3 519
	20 largest firms	103	598 540	40.4	154 684	38 796	4 800
	50 largest firms	155	716 567	48.4	205 603	50 514	6 175
811212	Computer and office machine repair and maintenance						
	All firms	5 876	6 483 365	100.0	2 221 236	549 022	54 266
	4 largest firms	160	1 450 602	22.4	476 290	115 936	7 750
	8 largest firms	253	1 942 506	30.0	665 960	164 118	12 246
	20 largest firms	283	2 712 877	41.8	935 071	232 287	18 013
	50 largest firms	409	3 383 590	52.2	1 146 345	284 234	22 584
811213	Communication equipment repair and maintenance						
	All firms	1 836	3 272 373	100.0	859 687	213 915	21 397
	4 largest firms	55	1 660 213	50.7	341 477	89 124	5 451
	8 largest firms	79	1 767 068	54.0	374 172	94 039	6 880
	20 largest firms	107	1 943 280	59.4	421 126	105 977	8 024
	50 largest firms	183	2 210 468	67.5	496 908	124 479	10 013
811219	Other electronic and precision equipment repair and maintenance						
	All firms	3 255	5 264 275	100.0	1 581 688	397 305	35 473
	4 largest firms	197	2 200 655	41.8	479 413	124 332	8 882
	8 largest firms	222	2 482 679	47.2	606 533	161 704	10 696
	20 largest firms	393	2 978 878	56.6	787 687	206 121	14 882
	50 largest firms	487	3 415 822	64.9	927 330	239 967	18 219
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance						
	All firms	24 455	19 251 856	100.0	5 863 579	1 425 526	172 518
	4 largest firms	105	886 408	4.6	265 025	73 116	6 422
	8 largest firms	192	1 420 080	7.4	434 918	118 079	9 895
	20 largest firms	325	2 259 278	11.7	649 492	163 943	13 863
	50 largest firms	474	3 415 685	17.7	1 027 591	257 360	22 851
81131	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance						
	All firms	24 455	19 251 856	100.0	5 863 579	1 425 526	172 518
	4 largest firms	105	886 408	4.6	265 025	73 116	6 422
	8 largest firms	192	1 420 080	7.4	434 918	118 079	9 895
	20 largest firms	325	2 259 278	11.7	649 492	163 943	13 863
	50 largest firms	474	3 415 685	17.7	1 027 591	257 360	22 851
811310	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance						
	All firms	24 455	19 251 856	100.0	5 863 579	1 425 526	172 518
	4 largest firms	105	886 408	4.6	265 025	73 116	6 422
	8 largest firms	192	1 420 080	7.4	434 918	118 079	9 895
	20 largest firms	325	2 259 278	11.7	649 492	163 943	13 863
	50 largest firms	474	3 415 685	17.7	1 027 591	257 360	22 851
8114	Personal and household goods repair and maintenance						
	All firms	25 117	8 737 710	100.0	2 683 277	638 656	113 230
	4 largest firms	825	D	D	D	D	k
	8 largest firms	848	2 269 103	26.0	796 709	191 481	29 401
	20 largest firms	921	2 458 395	28.1	847 805	204 840	30 979
	50 largest firms	981	2 702 920	30.9	932 764	225 678	33 354

See footnotes at end of table.

Table 4. Concentration by Largest Firms for the United States: 2002—Con.

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2002 NAICS code	Kind of business and largest firms based on receipts/revenue	Establishments (number)	Receipts/revenue		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
81141	Home and garden equipment and appliance repair and maintenance						
	All firms	7 608	4 195 480	100.0	1 300 519	312 893	49 965
	4 largest firms	682	D	D	D	D	k
	8 largest firms	713	2 147 752	51.2	720 926	175 784	26 197
	20 largest firms	727	2 238 128	53.3	758 850	185 392	27 150
	50 largest firms	761	2 346 364	55.9	784 205	191 289	27 861
811411	Home and garden equipment repair and maintenance						
	All firms	2 379	651 785	100.0	147 051	34 737	7 193
	4 largest firms	10	23 945	3.7	3 535	893	93
	8 largest firms	14	34 984	5.4	6 593	1 667	177
	20 largest firms	27	62 523	9.6	11 915	2 846	364
	50 largest firms	58	111 920	17.2	22 853	5 851	738
811412	Appliance repair and maintenance						
	All firms	5 229	3 543 695	100.0	1 153 468	278 156	42 772
	4 largest firms	682	D	D	D	D	k
	8 largest firms	709	2 145 159	60.5	722 218	176 094	26 199
	20 largest firms	723	2 230 360	62.9	757 359	184 991	27 116
	50 largest firms	755	2 332 051	65.8	783 747	191 042	27 841
81142	Reupholstery and furniture repair						
	All firms	5 777	1 277 871	100.0	416 830	100 281	20 440
	4 largest firms	4	31 158	2.4	12 102	2 944	502
	8 largest firms	8	47 317	3.7	19 089	4 765	706
	20 largest firms	21	85 628	6.7	29 096	7 204	1 048
	50 largest firms	52	145 866	11.4	48 559	11 849	1 909
811420	Reupholstery and furniture repair						
	All firms	5 777	1 277 871	100.0	416 830	100 281	20 440
	4 largest firms	4	31 158	2.4	12 102	2 944	502
	8 largest firms	8	47 317	3.7	19 089	4 765	706
	20 largest firms	21	85 628	6.7	29 096	7 204	1 048
	50 largest firms	52	145 866	11.4	48 559	11 849	1 909
81143	Footwear and leather goods repair						
	All firms	1 418	187 050	100.0	49 179	12 346	3 130
	4 largest firms	33	14 426	7.7	3 541	947	153
	8 largest firms	38	19 496	10.4	5 360	1 366	225
	20 largest firms	63	29 570	15.8	8 821	2 135	361
	50 largest firms	101	45 391	24.3	13 546	3 349	648
811430	Footwear and leather goods repair						
	All firms	1 418	187 050	100.0	49 179	12 346	3 130
	4 largest firms	33	14 426	7.7	3 541	947	153
	8 largest firms	38	19 496	10.4	5 360	1 366	225
	20 largest firms	63	29 570	15.8	8 821	2 135	361
	50 largest firms	101	45 391	24.3	13 546	3 349	648
81149	Other personal and household goods repair and maintenance						
	All firms	10 314	3 077 309	100.0	916 749	213 136	39 695
	4 largest firms	185	181 289	5.9	90 526	20 589	3 495
	8 largest firms	204	258 584	8.4	112 101	25 652	4 182
	20 largest firms	218	384 100	12.5	147 521	34 243	5 237
	50 largest firms	271	552 801	18.0	200 407	46 381	6 722
811490	Other personal and household goods repair and maintenance						
	All firms	10 314	3 077 309	100.0	916 749	213 136	39 695
	4 largest firms	185	181 289	5.9	90 526	20 589	3 495
	8 largest firms	204	258 584	8.4	112 101	25 652	4 182
	20 largest firms	218	384 100	12.5	147 521	34 243	5 237
	50 largest firms	271	552 801	18.0	200 407	46 381	6 722

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Appendix A.

Explanation of Terms

ANNUAL PAYROLL

Payroll includes all forms of compensation such as salaries, wages, commissions, dismissal pay, bonuses, vacation allowances, sick-leave pay, and employee contributions to qualified pension plans paid during the year to all employees and reported on Internal Revenue Service (IRS) Form 941 as taxable Medicare Wages and tips (even if not subject to income or FICA tax). Also included are tips and gratuities received by employees from patrons and reported to employers. If an employee works at more than one location, the payroll is included in the one location where they spend most of their time. Also included are salaries of members of professional service organizations or associations that operate under state professional corporation statutes and file a corporate federal income tax return. Excluded are payrolls of departments or concessions operated by other companies at the establishment; payments to or withdrawals by proprietors or partners of an unincorporated company; and annuities or supplemental unemployment compensation benefits, even if income tax was withheld. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the IRS on Form 941.

ESTABLISHMENTS

An establishment is a single physical location at which business is conducted and/or services are provided. It is not necessarily identical to a company or enterprise, which may consist of one establishment or more. Economic census figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other federal agencies were used instead of a census report, no information was available on the number of locations operated. Each economic census establishment was tabulated according to the physical location at which the business was conducted. The count of establishments represents those in business at any time during 2002.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted at a single location under a single ownership, separate establishment reports for each of the different activities were obtained in the census.

Leased service departments (separately owned businesses operated as departments or concessions of other service establishments or of retail businesses, such as a separately owned shoe-shine parlor in a barber shop, or a beauty shop in a department store) are treated as separate service establishments for census purposes. Leased retail departments located in service establishments (e.g., a gift shop located in a hotel) are considered separate retail establishments.

FIRMS

A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. All establishments of subsidiary firms are included as part of the owning or controlling firm. For the economic census, the terms "firm" and "company" are synonymous.

FIRST-QUARTER PAYROLL

Represents payroll paid to persons employed at any time during the quarter January to March 2002.

PAID EMPLOYEES FOR PAY PERIOD INCLUDING MARCH 12

Paid employees consists of full- and part-time employees, including salaried officers and executives of corporations, who were on the payroll during the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations, and salaried members of professional service organizations or associations that operate under state professional corporation statutes and file corporate federal income tax returns. Not included are proprietors and partners of unincorporated businesses; employees of departments or concessions operated by other companies at the establishment; full- and part-time leased employees whose payroll was filed under an employee leasing company's Employer Identification Number (EIN); and temporary staffing obtained from a staffing service. The definition of paid employees is the same as that used by the Internal Revenue Service (IRS) on Form 941.

RECEIPTS/REVENUE

Receipts (basic dollar volume measure for service establishments of firms subject to federal income tax). Includes gross receipts from customers or clients for services provided, from the use of facilities, and from merchandise sold in 2002 whether or not payment was received in 2002. For advertising agencies, travel industries, and other service establishments operating on a commission basis, receipts include commissions, fees, and other operating income, NOT gross billings and sales. Excise taxes on gasoline, liquor, tobacco, etc., that are paid by the manufacturer or wholesaler and passed on in the cost of goods purchased by the service establishment, are also included. The establishments share of receipts from departments, concessions, and vending and amusement machines operated by others are included as part of receipts. Receipts also include amounts received from the rental and leasing of vehicles, equipment, instruments, and tools; the total value of service contracts; market value of compensation received in lieu of cash; amounts received for work subcontracted to others; and dues and assessments from members and affiliates. Receipts from services performed for foreign parent firms, subsidiaries, and branches are included.

Receipts are net after deductions for refunds and allowances for merchandise returned by customers. Receipts do not include sales and other taxes (including Hawaii's General Excise Tax) collected directly from customers and paid directly to a local, state, or federal tax agency. Also excluded are gross receipts from departments and concessions operated by others; sales of used equipment previously rented or leased to customers; domestic intracompany transfers; proceeds from the sale of real estate (land and buildings), investments, or other assets (except inventory held for resale); income from interest, rental of real estate, dividends, contributions, and grants; receipts of foreign parent firms and subsidiaries; and other nonoperating income, such as franchise fees. Receipts do not include service receipts of manufacturers, wholesalers, retail establishments, or other businesses whose primary activity is other than service. They do, however, include receipts other than from services rendered (e.g., sale of merchandise to individuals or other businesses) by establishments primarily engaged in performing services and classified in the service industries.

Revenue (basic dollar volume measure for firms exempt from federal income tax). Includes receipts from customers or clients for services provided in 2002, whether or not payment was received in 2002, and gross sales of merchandise, minus returns and allowances. Also included are income from interest, dividends, gross rents (including display space rentals and share of receipts from departments operated by other companies), gross contributions, gifts, grants (whether or not restricted for use in operations), royalties, dues and assessments from members and affiliates, commissions earned from the sale of merchandise owned by others (including commissions from vending machine operators), and gross receipts from fundraising activities. Revenue now includes gains or losses from the sale of real estate (land and buildings), investments, or other assets (except inventory held for resale). Receipts from taxable business activities of firms exempt from federal income tax (unrelated business income) are also included in revenue.

Revenue does not include sales and other taxes collected directly from customers or clients and paid directly to a local, state, or federal tax agency; gross receipts of departments or concessions operated by others; and amounts transferred to operating funds from capital or reserve funds.

Appendix B.

NAICS Codes, Titles, and Descriptions

PART 1. 2002 NAICS

811 REPAIR AND MAINTENANCE

Industries in the Repair and Maintenance subsector restore machinery, equipment, and other products to working order. These establishments also typically provide general or routine maintenance (i.e., servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs.

The NAICS structure for this subsector brings together most types of repair and maintenance establishments and categorizes them based on production processes (i.e., on the type of repair and maintenance activity performed, and the necessary skills, expertise, and processes that are found in different repair and maintenance establishments). This NAICS classification does not delineate between repair services provided to businesses versus those that serve households. Although some industries primarily serve either businesses or households, separation by class of customer is limited by the fact that many establishments serve both. Establishments repairing computers and consumer electronics products are two examples of such overlap.

The Repair and Maintenance subsector does not include all establishments that do repair and maintenance. For example, a substantial amount of repair is done by establishments that also manufacture machinery, equipment, and other goods. These establishments are included in the Manufacturing sector in NAICS. In addition, repair of transportation equipment is often provided by or based at transportation facilities, such as airports and seaports, and these activities are included in the Transportation and Warehousing sector. A particularly unique situation exists with repair of buildings. Plumbing, electrical installation and repair, painting and decorating, and other construction-related establishments are often involved in performing installation or other work on new construction as well as providing repair services on existing structures. While some specialize in repair, it is difficult to distinguish between the two types and all have been included in the Construction sector.

Excluded from this subsector are establishments primarily engaged in rebuilding or remanufacturing machinery and equipment. These are classified in Sector 31-33, Manufacturing. Also excluded are retail establishments that provide after-sale services and repair. These are classified in Sector 44-45, Retail Trade.

8111 AUTOMOTIVE REPAIR AND MAINTENANCE

This industry group comprises establishments involved in providing repair and maintenance services for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers. Establishments in this industry group employ mechanics with specialized technical skills to diagnose and repair the mechanical and electrical systems for automotive vehicles, repair automotive interiors, and paint or repair automotive exteriors.

81111 AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing mechanical or electrical repair and maintenance services for automotive vehicles, such as passenger cars, trucks and vans, and all trailers. These establishments specialize in or may provide a wide range of these services.

811111 GENERAL AUTOMOTIVE REPAIR

This industry comprises establishments primarily engaged in providing (1) a wide range of mechanical and electrical repair and maintenance services for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers or (2) engine repair and replacement.

811112 AUTOMOTIVE EXHAUST SYSTEM REPAIR

This industry comprises establishments primarily engaged in replacing or repairing exhaust systems of automotive vehicles, such as passenger cars, trucks, and vans.

811113 AUTOMOTIVE TRANSMISSION REPAIR

This industry comprises establishments primarily engaged in replacing or repairing transmissions of automotive vehicles, such as passenger cars, trucks, and vans.

811118 OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing specialized mechanical or electrical repair and maintenance services (except engine repair and replacement, exhaust systems repair, and transmission repair) for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers.

81112 AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR

This industry comprises establishments primarily engaged in providing one or more of the following: (1) repairing or customizing automotive vehicles, such as passenger cars, trucks, and vans, and all trailer bodies and interiors; (2) painting automotive vehicle and trailer bodies; (3) replacing, repairing, and/or tinting automotive vehicle glass; and (4) customizing automobile, truck, and van interiors for the physically disabled or other customers with special requirements.

811121 AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing or customizing automotive vehicles, such as passenger cars, trucks, and vans, and all trailer bodies and interiors; and/or painting automotive vehicles and trailer bodies.

811122 AUTOMOTIVE GLASS REPLACEMENT SHOPS

This industry comprises establishments primarily engaged in replacing, repairing, and/or tinting automotive vehicle, such as passenger car, truck, and van, glass.

81119 OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing automotive repair and maintenance services (except mechanical and electrical repair and maintenance; transmission repair; and body, paint, interior, and glass repair) for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers.

811191 AUTOMOTIVE OIL CHANGE AND LUBRICATION SHOPS

This industry comprises establishments primarily engaged in changing motor oil and lubricating the chassis of automotive vehicles, such as passenger cars, trucks, and vans.

811192 CARWASHES

This industry comprises establishments primarily engaged in cleaning, washing, and/or waxing automotive vehicles, such as passenger cars, trucks, vans, and trailers.

811198 ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing automotive repair and maintenance services (except mechanical and electrical repair and maintenance; body, paint, interior, and glass repair; motor oil change and lubrication; and car washing) for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers.

8112 ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE

This industry group comprises establishments primarily engaged in repairing electronic equipment, such as computers and communications equipment, and highly specialized precision instruments. Establishments in this industry group typically have staff skilled in repairing items having complex, electronic components.

81121 ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining one or more of the following: (1) consumer electronic equipment; (2) computers; (3) office machines; (4) communication equipment; and (5) other electronic and precision equipment and instruments, without retailing these products as new. Establishments in this industry repair items, such as microscopes, radar and sonar equipment, televisions, stereos, video recorders, computers, fax machines, photocopying machines, two-way radios and other communications equipment, scientific instruments, and medical equipment.

811211 CONSUMER ELECTRONICS REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining consumer electronics, such as televisions, stereos, speakers, video recorders, CD players, radios, and cameras, without retailing new consumer electronics.

811212 COMPUTER AND OFFICE MACHINE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining computers and office machines without retailing new computers and office machines, such as photocopying machines; and computer terminals, storage devices, printers; and CD-ROM drives.

811213 COMMUNICATION EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining communications equipment without retailing new communication equipment, such as telephones, fax machines, communications transmission equipment, and two-way radios.

811219 OTHER ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining (without retailing) electronic and precision equipment (except consumer electronics, computers and office machines, and communications equipment). Establishments in this industry repair and maintain equipment, such as medical diagnostic imaging equipment, measuring and surveying instruments, laboratory instruments, and radar and sonar equipment.

8113 COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in the repair and maintenance of commercial and industrial machinery and equipment. Establishments in this industry either sharpen/install commercial and industrial machinery blades and saws or provide welding (e.g., automotive, general) repair services; or repair agricultural and other heavy and industrial machinery and equipment (e.g., forklifts and other materials handling equipment, machine tools, commercial refrigeration equipment, construction equipment, and mining machinery).

81131 COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in the repair and maintenance of commercial and industrial machinery and equipment. Establishments in this industry either sharpen/install commercial and industrial machinery blades and saws or provide welding (e.g.,

automotive, general) repair services; or repair agricultural and other heavy and industrial machinery and equipment (e.g., forklifts and other materials handling equipment, machine tools, commercial refrigeration equipment, construction equipment, and mining machinery).

811310 COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in the repair and maintenance of commercial and industrial machinery and equipment. Establishments in this industry either sharpen/install commercial and industrial machinery blades and saws or provide welding (e.g., automotive, general) repair services; or repair agricultural and other heavy and industrial machinery and equipment (e.g., forklifts and other materials handling equipment, machine tools, commercial refrigeration equipment, construction equipment, and mining machinery).

8114 PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

This industry group includes establishments classified in following industries: 81141, Home and Garden Equipment and Appliance Repair and Maintenance; 81142, Reupholstery and Furniture Repair; 81143 Footwear and Leather Goods Repair; and 81149, Other Personal and Household Goods Repair and Maintenance.

81141 HOME AND GARDEN EQUIPMENT AND APPLIANCE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing home and garden equipment and/or household-type appliances without retailing new equipment or appliances. Establishments in this industry repair and maintain items, such as lawnmowers, edgers, snow- and leaf-blowers, washing machines, clothes dryers, and refrigerators.

811411 HOME AND GARDEN EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing home and garden equipment without retailing new home and garden equipment, such as lawnmowers, handheld power tools, edgers, snow- and leaf-blowers, and trimmers.

811412 APPLIANCE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing household appliances without retailing new appliances, such as refrigerators, stoves, washing machines, clothes dryers, and room air-conditioners.

81142 REUPHOLSTERY AND FURNITURE REPAIR

This industry comprises establishments primarily engaged in one or more of the following: (1) reupholstering furniture; (2) refinishing furniture; (3) repairing furniture; and (4) repairing and restoring furniture.

811420 REUPHOLSTERY AND FURNITURE REPAIR

This industry comprises establishments primarily engaged in one or more of the following: (1) reupholstering furniture; (2) refinishing furniture; (3) repairing furniture; and (4) repairing and restoring furniture.

81143 FOOTWEAR AND LEATHER GOODS REPAIR

This industry comprises establishments primarily engaged in repairing footwear and/or repairing other leather or leather-like goods without retailing new footwear and leather or leather-like goods, such as handbags and briefcases.

811430 FOOTWEAR AND LEATHER GOODS REPAIR

This industry comprises establishments primarily engaged in repairing footwear and/or repairing other leather or leather-like goods without retailing new footwear and leather or leather-like goods, such as handbags and briefcases.

81149 OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing personal or household-type goods without retailing new personal and household-type goods (except home and garden equipment, appliances, furniture, and footwear and leather goods). Establishments in this industry repair items, such as garments; watches; jewelry; musical instruments; bicycles and motorcycles; motorboats, canoes, sailboats, and other recreational boats.

811490 OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing personal or household-type goods without retailing new personal and household-type goods (except home and garden equipment, appliances, furniture, and footwear and leather goods). Establishments in this industry repair items, such as garments; watches; jewelry; musical instruments; bicycles and motorcycles; motorboats, canoes, sailboats, and other recreational boats.

PART 2. 1997 NAICS

811 REPAIR AND MAINTENANCE

Industries in the Repair and Maintenance subsector restore machinery, equipment, and other products to working order. These establishments also typically provide general or routine maintenance (i.e., servicing) on such products to ensure they work efficiently and to prevent breakdown and unnecessary repairs.

The NAICS structure for this subsector brings together most types of repair and maintenance establishments and categorizes them based on production processes (i.e., on the type of repair and maintenance activity performed, and the necessary skills, expertise, and processes that are found in different repair and maintenance establishments). This NAICS classification does not delineate between repair services provided to businesses versus those that serve households. Although some industries primarily serve either businesses or households, separation by class of customer is limited by the fact that many establishments serve both. Establishments repairing computers and consumer electronics products are two examples of such overlap.

The Repair and Maintenance subsector does not include all establishments that do repair and maintenance. For example, a substantial amount of repair is done by establishments that also manufacture machinery, equipment, and other goods. These establishments are included in the Manufacturing sector in NAICS. In addition, repair of transportation equipment is often provided by or based at transportation facilities, such as airports and seaports, and these activities are included in the Transportation and Warehousing sector. A particularly unique situation exists with repair of buildings. Plumbing, electrical installation and repair, painting and decorating, and other construction-related establishments are often involved in performing installation or other work on new construction as well as providing repair services on existing structures. While some specialize in repair, it is difficult to distinguish between the two types and all have been included in the Construction sector.

Excluded from this subsector are establishments primarily engaged in rebuilding or remanufacturing machinery and equipment. These are classified in Sector 31-33, Manufacturing. Also excluded are retail establishments that provide after-sale services and repair. These are classified in Sector 44-45, Retail Trade.

8111 AUTOMOTIVE REPAIR AND MAINTENANCE

This industry group comprises establishments involved in providing repair and maintenance services for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers. Establishments in this industry group employ mechanics with specialized technical skills to diagnose and repair the mechanical and electrical systems for automotive vehicles, repair automotive interiors, and paint or repair automotive exteriors.

81111 AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing mechanical or electrical repair and maintenance services for automotive vehicles, such as passenger cars, trucks and vans, and all trailers. These establishments specialize in or may provide a wide range of these services.

811111 GENERAL AUTOMOTIVE REPAIR

This industry comprises establishments primarily engaged in providing (1) a wide range of mechanical and electrical repair and maintenance services for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers or (2) engine repair and replacement.

811112 AUTOMOTIVE EXHAUST SYSTEM REPAIR

This industry comprises establishments primarily engaged in replacing or repairing exhaust systems of automotive vehicles, such as passenger cars, trucks, and vans.

811113 AUTOMOTIVE TRANSMISSION REPAIR

This industry comprises establishments primarily engaged in replacing or repairing transmissions of automotive vehicles, such as passenger cars, trucks, and vans.

811118 OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing specialized mechanical or electrical repair and maintenance services (except engine repair and replacement, exhaust systems repair, and transmission repair) for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers.

81112 AUTOMOTIVE BODY, PAINT, INTERIOR, AND GLASS REPAIR

This industry comprises establishments primarily engaged in providing one or more of the following: (1) repairing or customizing automotive vehicles, such as passenger cars, trucks, and vans, and all trailer bodies and interiors; (2) painting automotive vehicle and trailer bodies; (3) replacing, repairing, and/or tinting automotive vehicle glass; and (4) customizing automobile, truck, and van interiors for the physically disabled or other customers with special requirements.

811121 AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing or customizing automotive vehicles, such as passenger cars, trucks, and vans, and all trailer bodies and interiors; and/or painting automotive vehicles and trailer bodies.

811122 AUTOMOTIVE GLASS REPLACEMENT SHOPS

This industry comprises establishments primarily engaged in replacing, repairing, and/or tinting automotive vehicle, such as passenger car, truck, and van, glass.

81119 OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing automotive repair and maintenance services (except mechanical and electrical repair and maintenance; transmission repair; and body, paint, interior, and glass repair) for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers.

811191 AUTOMOTIVE OIL CHANGE AND LUBRICATION SHOPS

This industry comprises establishments primarily engaged in changing motor oil and lubricating the chassis of automotive vehicles, such as passenger cars, trucks, and vans.

811192 CARWASHES

This industry comprises establishments primarily engaged in cleaning, washing, and/or waxing automotive vehicles, such as passenger cars, trucks, vans, and trailers.

811198 ALL OTHER AUTOMOTIVE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in providing automotive repair and maintenance services (except mechanical and electrical repair and maintenance; body, paint, interior, and glass repair; motor oil change and lubrication; and car washing) for automotive vehicles, such as passenger cars, trucks, and vans, and all trailers.

8112 ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE

This industry group comprises establishments primarily engaged in repairing electronic equipment, such as computers and communications equipment, and highly specialized precision instruments. Establishments in this industry group typically have staff skilled in repairing items having complex, electronic components.

81121 ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining one or more of the following: (1) consumer electronic equipment; (2) computers; (3) office machines; (4) communication equipment; and (5) other electronic and precision equipment and instruments, without retailing these products as new. Establishments in this industry repair items, such as microscopes, radar and sonar equipment, televisions, stereos, video recorders, computers, fax machines, photocopying machines, two-way radios and other communications equipment, scientific instruments, and medical equipment.

811211 CONSUMER ELECTRONICS REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining consumer electronics, such as televisions, stereos, speakers, video recorders, CD players, radios, and cameras, without retailing new consumer electronics.

811212 COMPUTER AND OFFICE MACHINE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining computers and office machines without retailing new computers and office machines, such as photocopying machines; and computer terminals, storage devices, printers; and CD-ROM drives.

811213 COMMUNICATION EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining communications equipment without retailing new communication equipment, such as telephones, fax machines, communications transmission equipment, and two-way radios.

811219 OTHER ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and maintaining (without retailing) electronic and precision equipment (except consumer electronics, computers and office machines, and communications equipment). Establishments in this industry repair and maintain equipment, such as medical diagnostic imaging equipment, measuring and surveying instruments, laboratory instruments, and radar and sonar equipment.

8113 COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in the repair and maintenance of commercial and industrial machinery and equipment. Establishments in this industry either sharpen/install commercial and industrial machinery blades and saws or provide welding (e.g.,

automotive, general) repair services; or repair agricultural and other heavy and industrial machinery and equipment (e.g., forklifts and other materials handling equipment, machine tools, commercial refrigeration equipment, construction equipment, and mining machinery).

81131 COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in the repair and maintenance of commercial and industrial machinery and equipment. Establishments in this industry either sharpen/install commercial and industrial machinery blades and saws or provide welding (e.g., automotive, general) repair services; or repair agricultural and other heavy and industrial machinery and equipment (e.g., forklifts and other materials handling equipment, machine tools, commercial refrigeration equipment, construction equipment, and mining machinery).

811310 COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in the repair and maintenance of commercial and industrial machinery and equipment. Establishments in this industry either sharpen/install commercial and industrial machinery blades and saws or provide welding (e.g., automotive, general) repair services; or repair agricultural and other heavy and industrial machinery and equipment (e.g., forklifts and other materials handling equipment, machine tools, commercial refrigeration equipment, construction equipment, and mining machinery).

8114 PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

This industry group includes establishments classified in following industries: 81141, Home and Garden Equipment and Appliance Repair and Maintenance; 81142, Reupholstery and Furniture Repair; 81143 Footwear and Leather Goods Repair; and 81149, Other Personal and Household Goods Repair and Maintenance.

81141 HOME AND GARDEN EQUIPMENT AND APPLIANCE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing home and garden equipment and/or household-type appliances without retailing new equipment or appliances. Establishments in this industry repair and maintain items, such as lawnmowers, edgers, snow- and leaf-blowers, washing machines, clothes dryers, and refrigerators.

811411 HOME AND GARDEN EQUIPMENT REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing home and garden equipment without retailing new home and garden equipment, such as lawnmowers, handheld power tools, edgers, snow- and leaf-blowers, and trimmers.

811412 APPLIANCE REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing household appliances without retailing new appliances, such as refrigerators, stoves, washing machines, clothes dryers, and room air-conditioners.

81142 REUPHOLSTERY AND FURNITURE REPAIR

This industry comprises establishments primarily engaged in one or more of the following: (1) reupholstering furniture; (2) refinishing furniture; (3) repairing furniture; and (4) repairing and restoring furniture.

811420 REUPHOLSTERY AND FURNITURE REPAIR

This industry comprises establishments primarily engaged in one or more of the following: (1) reupholstering furniture; (2) refinishing furniture; (3) repairing furniture; and (4) repairing and restoring furniture.

81143 FOOTWEAR AND LEATHER GOODS REPAIR

This industry comprises establishments primarily engaged in repairing footwear and/or repairing other leather or leather-like goods without retailing new footwear and leather or leather-like goods, such as handbags and briefcases.

811430 FOOTWEAR AND LEATHER GOODS REPAIR

This industry comprises establishments primarily engaged in repairing footwear and/or repairing other leather or leather-like goods without retailing new footwear and leather or leather-like goods, such as handbags and briefcases.

81149 OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing personal or household-type goods without retailing new personal and household-type goods (except home and garden equipment, appliances, furniture, and footwear and leather goods). Establishments in this industry repair items, such as garments; watches; jewelry; musical instruments; bicycles and motorcycles; motorboats, canoes, sailboats, and other recreational boats.

811490 OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

This industry comprises establishments primarily engaged in repairing and servicing personal or household-type goods without retailing new personal and household-type goods (except home and garden equipment, appliances, furniture, and footwear and leather goods). Establishments in this industry repair items, such as garments; watches; jewelry; musical instruments; bicycles and motorcycles; motorboats, canoes, sailboats, and other recreational boats.

Appendix C.

Methodology

SOURCES OF THE DATA

For this sector, large- and medium-size firms, plus all firms known to operate more than one establishment, were sent report forms to be completed for each of their establishments and returned to the Census Bureau. For most very small firms, data from existing administrative records of other federal agencies were used instead. These records provide basic information on location, kind of business, receipts/revenue, payroll, number of employees, and legal form of organization.

Firms in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:
 - a. Large employers, i.e., all multiestablishment firms, and all employer firms with payroll above a specified cutoff. (The term “employers” refers to firms with one or more paid employees at any time during 2002 as shown in the active administrative records of other federal agencies.)
 - b. A sample of small employers, i.e., single-establishment firms with payroll below a specified cutoff in classifications for which specialized data precludes reliance solely on administrative records sources. The sample was stratified by industry and geography.
2. Establishments not sent a report form:
 - a. Small employers, i.e., single-establishment firms with payroll below a specified cutoff, not selected into the small employer sample. Although the payroll cutoff varies by kind of business, small employers not sent a report form generally include firms with less than 10 employees and represent about 10 percent of total receipts/revenue of establishments covered in the census. Data on receipts/revenue, payroll, and employment for these small employers were derived or estimated from administrative records of other federal agencies.
 - b. All taxable nonemployers, i.e., all firms subject to federal income tax with no paid employees during 2002. Receipts information for these firms was obtained from administrative records of other federal agencies. Although consisting of many firms, nonemployers account for less than 10 percent of total receipts of all establishments covered in the census. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments are based on the *North American Industry Classification System, United States, 2002* manual. Changes between 1997 and 2002 affecting this sector are discussed in the text at the beginning of this report. Tables at www.census.gov/epcd/naics02/ identify all industries that changed between the 1997 North American Industry Classification System (NAICS) and 2002 NAICS.

The method of assigning classifications and the level of detail at which establishments were classified depends on whether a report form was obtained for the establishment.

1. Establishments that returned a report form were classified on the basis of their self-designation, product line receipts/revenue, and responses to other industry-specific inquiries.
2. Establishments without a report form:
 - a. Small employers not sent a form were, where possible, classified on the basis of the most current kind-of-business classification available from one of the Census Bureau's current sample surveys or the 1997 Economic Census. Otherwise, the classification was obtained from administrative records of other federal agencies. If the census or administrative record classifications proved inadequate (none corresponded to a 2002 Economic Census classification in the detail required for employers), the firm was sent a brief inquiry requesting information necessary to assign a kind-of-business code.
 - b. Nonemployers were classified on the basis of information obtained from administrative records of other federal agencies.

METHOD OF ASSIGNING TAX STATUS

For kind-of-business classifications where there were substantial numbers of taxable and tax-exempt establishments, establishments were classified based on the federal income tax filing requirement for the establishment or organization. This classification was based primarily on the response to an inquiry on the census report form. Establishments that indicated that all or part of their income was exempt from federal income tax under provisions of section 501 of the Internal Revenue Service (IRS) code were classified as tax-exempt; establishments indicating no such exemption were classified as taxable. All government-operated hospitals were classified as tax-exempt. For establishments without a report form, the tax status classification was based on administrative records of other federal agencies.

For selected kind-of-business classifications that are comprised primarily of tax-exempt establishments, all establishments in those classifications were defined as tax-exempt. All establishments in the remaining kind-of-business classifications (comprised primarily of taxable establishments) were defined as taxable.

RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census:

- inability to identify all cases in the actual universe;
- definition and classification difficulties;
- differences in the interpretation of questions;
- errors in recording or coding the data obtained; and
- other errors of collection, response, coverage, processing, and estimation for missing or misreported data.

Data presented in the Miscellaneous Subjects and the Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors. Specifically, these data are estimated based on information obtained from census report forms mailed to all large employers and to a sample of small employers in the universe. Sampling errors affect these estimates, insofar, as they may differ from results that would be obtained from a complete enumeration.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

The Census Bureau obtains limited information extracted from administrative records of other federal agencies, such as gross receipts from federal income tax records and employment and payroll from payroll tax records. This information is used in conjunction with other information available to the Census Bureau to develop estimates for nonemployers, small employers, and other establishments for which responses were not received in time for publication.

Key tables in this report include a column for “Percent of receipts/revenue from administrative records.” This includes receipts/revenue information obtained from administrative records of other federal agencies. The “Percent of receipts/revenue estimated” includes receipts/revenue information that was imputed based on historic company ratios or administrative records, or on industry averages.

The Census Bureau recommends that data users incorporate this information into their analyses, as nonsampling error and sampling error could impact the conclusions drawn from economic census data.

TREATMENT OF NONRESPONSE

Census report forms included two different types of inquiries, “basic” and “industry-specific.” Data for the basic inquiries, which include location, kind of business or operation, receipts/revenue, payroll, and number of employees, were available from a combination of sources for all establishments. Data for industry-specific inquiries, tailored to the particular kinds of business or operation covered by the report form, were available only from establishments responding to those inquiries.

Data for industry-specific inquiries in this sector were expanded in most cases to account for establishments that did not respond to the particular inquiry for which data are presented. Unless otherwise noted in specific reports, data for industry-specific inquiries were expanded in direct relationship to total receipts/revenue of all establishments included in the category. In a few cases, expansion on the basis of the receipts/revenue was not appropriate, and another basic data item was used as the basis for expansion of reported data to account for nonrespondents.

All reports in which industry-specific data were expanded include a coverage indicator for each publication category, which shows the receipts/revenue of establishments responding to the industry-specific inquiry as a percent of total receipts/revenue for all establishments for which data are shown. For some inquiries, coverage is determined by the ratio of total payroll or employment of establishments responding to the inquiry to total payroll or employment of all establishments in the category.

CONCENTRATION CATEGORIES

Concentration categories are based on aggregate receipts/revenue of all establishments operated by the same firm in a given kind-of-business classification or group for which data are presented. For example, a firm operating two service establishments – an automotive body shop (NAICS 811121) and an automotive glass replacement shop (NAICS 811122) – would be treated as two one-establishment firms at the most detailed NAICS level, and as a two-establishment firm in NAICS 8111.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

Appendix D. Geographic Notes

Not applicable for this report.

Appendix E. Metropolitan and Micropolitan Statistical Areas

Not applicable for this report.

